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LIBRARY REGULATIONS.

THE Council, with a view to the convenience of the Fellows generally, and to the better care of Works that are easily injured, have deemed it expedient to make the following regulations, in conformity with Section XIX. Art. 1. of the Bye-Laws.

1. The Books shall only be delivered to a Fellow of the Society, or to some one producing a written order from such Fellow; and a receipt shall be given by the person to whom the book is delivered (expressing the name of the Fellow for whom it is received), in a book kept for that purpose.
2. Any Fellow failing to return a book on the application of the Council, or returning books torn or defaced, shall be considered as liable for their value; and if they are separate volumes, for the value of the whole work rendered imperfect.
3. All books allowed to circulate may be retained a fortnight; after the expiration of that time, every book shall be immediately returned, so soon as the Fellow shall receive an intimation from the Librarian that it is wanted; and after the expiration of one month from the date of its having been delivered from the Library, every book shall be returned.
4. All books shall be returned on the 1st of November for a fortnight, and the Librarian shall afterwards deliver a report to the Council on the state of the Library.
5. No Fellow shall have in his possession at one time more than Six Volumes, without the permission of the Council.
6. Any Member failing to comply with the above regulations after receiving notice from the Librarian, shall be fined half-a-crown for

every week that a volume is detained beyond the time allowed ; and the privilege of having books from the Library shall cease, until the fines are paid and the books are returned.

7. All charges of carriage and delivery of books, &c. to and from Fellows, shall be defrayed by the Fellow borrowing the same.

EXCEPTIONS.

- I. There are certain books which cannot be allowed to circulate. A list of these shall be prefixed to the printed Catalogue of the Library ; and a notice of such additions to that list as the Council may from time to time feel it necessary to make, shall be fixed up in the Library.
- II. No Map, Section or Drawing, can be allowed to circulate without permission in writing granted by the Council, or by the President or one of the Secretaries.
- III. No book or illustration in loose sheets shall be allowed to circulate.
- IV. No Periodical Publication, and no Volume or Part of the Transactions of any Society shall be allowed to circulate until after the expiration of four months from the date of its having been received at the Society.
- V. All new works shall circulate amongst the Fellows after the expiration of a fortnight from the time of their being received, unless the Council (or, during the recess, the President or one of the Secretaries) shall determine otherwise.

No Book lent to the Society is allowed to circulate without a written order from the Proprietor.

Somerset House, 9th March, 1846.

LIST OF BOOKS,

OF WHICH ONE COPY IS ALWAYS TO BE KEPT IN THE LIBRARY
FOR REFERENCE.

N.B. There is a duplicate Copy for circulation of all those books of
which the titles are printed in Italics.

Transactions of the Geological Society of London.

Proceedings of the Society.

Quarterly Journal of the Society.

AGASSIZ, L. *Poissons Fossiles.*

———. *Poissons Fossiles du Vieux grès rouge.*

———. *Nomenclator Zoologicus.*

BRONGNIART, A. *Végétaux Fossiles.*

CUVIER, S. *Ossemens Fossiles.*

GOLDFUSS. *Petrifacta Germaniæ.*

KONINCK, L. de. *Fossiles des Terrains Carbonifères de Belgique.*

LINDLEY and HUTTON. *Fossil Flora.*

MORRIS, J. *Catalogue of British Fossils.*

D'ORBIGNY, A. *Palæontologie Française.*

SOWERBY, J. *Mineral Conchology.*

The Catalogue of the Library of the Royal Society.

P R E F A C E.

THE Council being desirous of rendering the Books, Maps, Charts and Sections in the possession of the Society more available and more extensively useful, directed the Vice-Secretary in the spring of last year to turn his attention to the preparation of a printed Catalogue. In the course of the summer Professor Ansted submitted to the Council a plan of one, which, with some slight modifications, was approved of; and he was instructed to carry it into execution with as little delay as possible consistently with his other duties.

The plan of classification will be seen by referring to the Table of Contents. The works are grouped, as nearly as was practicable, according to subjects; and the index of the names of authors and of places at the end of the volume indicates the page of the Catalogue in which the full title of any work will be found.

A copy of the Catalogue of the Books is in the Library, marked with references to the Case and Shelf where each work is placed; and a copy of the Catalogue of the Maps, Charts and Sections is in the Museum, with similar references to the Cases and Portfolios

in which they are respectively contained. In these copies of the Catalogue all additions will be inserted, until a new edition is called for.

Fellows wishing to borrow a work, and applying for it by letter, must give the full title of it and the page of the Catalogue where it stands.

The Society has long been in possession of a valuable series of Manuscript Catalogues prepared by Mr. Lonsdale, and completed to the time when he resigned his office in the Society, chiefly referring to memoirs in publications possessed by the Society.

These Catalogues consist of six series, and are contained in ten folio volumes. The following titles of them will fully explain their nature and value.

1. *General Treatises and Memoirs on Geology; alphabetically arranged.* One volume.

This may be best described as containing a list of various memoirs relating to geological subjects and not conveniently arranged under either of the other heads adopted. The alphabetical arrangement has reference to authors' names*.

2. *Topographical Catalogue of Geological Works and Memoirs; alphabetically arranged.* Four volumes.

These volumes include localities in (1) Europe, (2) Asia, (3) America, and (4) Africa, Australia, Islands in the Pacific, etc. The alphabetical arrangement has reference to the names of places.

3. *Works and Memoirs on Organic Remains; alphabetically arranged.* One volume.

In this volume the arrangement is alphabetical according to the subject.

* It may save time to those who consult this Catalogue, to know that the prefix *de* or *von* to a name is invariably considered to refer it to the letters D or V.

4. *Maps and Plans connected with Geological Memoirs.* One volume.

5. *Sections connected with Geological Works.* Two volumes. Vol. i. A to L, Vol. ii. M to Z.

In the three volumes with the titles 4 and 5 are not merely Geological maps and sections, but a great variety of plans, profiles, etc. containing many sources of information bearing on Geology, and always extremely difficult to refer to without some help of this kind. The order of arrangement is alphabetical with respect to places.

6. *Views and Diagrams connected with Geological Works.* One volume.

It is intended that these Catalogues shall be continued from the date where Mr. Lonsdale left off, and that they shall be kept up.

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- AMERICAN GEOLOGIST'S AND NATURALIST'S *Association*, Reports of the
First Three Meetings held in 1840-42. 8° *Boston*, 1843.
- , Address delivered by *Prof. Hitchcock* before the Meeting at
Philadelphia in 1841. 8° *New Haven*, 1841.
- CORNWALL, *Royal Geological Society of*, Transactions from its Institution
in 1814; 5 vols. 8° *London*. 1818-43.
- , *Laws*. 12° *Penzance*, 1814.
- DUBLIN, *Geological Society of*, Journal and Reports, from the year 1833;
2 vols., and parts of vol. iii. 8° *Dublin*, 1833-45.
- , *Mr. Hamilton's Anniversary Address*. 8° *Dublin*, 1845.
- DUDLEY AND MIDLAND *Geological Society*, Inaugural Address of the First
General Meeting, by *R. I. Murchison, Esq.* 8° *London*, 1842.
- FRANCE, *Société Géologique de*, Memoirs; 5 vols. in 9. *Paris*, 1833-42.
- , —; Deuxième série, vol. i. 4° *Paris*, 1844.
- , Bulletin; 14 vols. 8° *Paris*, 1830-43.

2 TRANSACTIONS, JOURNALS, ETC.—GEOLOGICAL. [A.]

- FRANCE, *Société Géologique de*, Bulletin ; Deuxième série, vol. i. ii.
8° Paris, 1844-45.
- , Règlement de la Société. 4° Paris.
- , Règlement constitutif de la Société. 8° Paris, 1831.
- LONDON, *Geological Society of*, Transactions ; first series, vols. i. and iii. to v., 4 vols., and 4 vols. of plates. 4° London, 1811-22.
- , — ; second series, vol. i. to vi., and parts 1 and 2 of vol. vii. 4° London, 1824-42 and 1845.
- , — ; Alphabetical Index of the Authors of Papers in the first and second series. MS. 4°.
- , — ; Alphabetical Index of Memoirs in the first five volumes of the second series, with the prices of the separate Memoirs now on sale. 8° London, 1845.
- , Proceedings, from November 1826 to April 1845 ; 4 vols. 8° London, 1834-45.
- , Quarterly Journal (containing the Proceedings of the Society, from the commencement of the session 1843-44), edited by the Vice-Secretary of the Society ; vol. i. and vol. ii. part 1. 8° London, 1845-46.
- , Address at the Anniversary Meeting in 1832, by *R. I. Murchison, Esq., Pres.G.S.* 8° London, 1832.
- , —, 1842, by *R. I. Murchison, Esq., Pres.G.S.* 8° London, 1842.
- , —, 1843, by *R. I. Murchison, Esq., Pres.G.S.* 8° London, 1843.
- , Charter and Bye-Laws of the Society. 4° London.
- MANCHESTER *Geological Society*, Transactions ; vol. i. 8° London, 1841.
- PENNSYLVANIA, *Geological Society of*, Transactions ; vol. i. parts 1 and 2. 8° Philadelphia, 1834.
- YORKSHIRE (WEST RIDING) *Geological and Polytechnic Society*, Proceedings. 8° Leeds, 1839-42.

B.

MISCELLANEOUS TRANSACTIONS.

1. BRITISH SOCIETIES.

AGRICULTURAL SOCIETY, *Royal*. See ROYAL AGRICULTURAL SOCIETY.

ASIATIC SOCIETY, *Royal*. See ROYAL ASIATIC SOCIETY.

ASTRONOMICAL SOCIETY of *London*, Monthly Notices; vol. i.

8° *London*, 1831.

BERWICKSHIRE NATURALIST'S CLUB, History and Proceedings, from 1831 to 1843.

8° *Edinburgh*, 1834-43.

BIRMINGHAM PHILOSOPHICAL INSTITUTION, Reports of the Committee, for the Year 1836 and from 1840 to 1843, with the Meteorological Journal, &c.

8° *Birmingham*, 1836-43.

BRISTOL INSTITUTION, Reports of the Proceedings of the Annual Meetings, from 1827 to 1833.

8° *Bristol*, 1827-33.

BRITISH ASSOCIATION for the Advancement of Science, Reports of the Meetings, from the Commencement in 1831; 13 vols. 8° *London*, 1834-45.

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CAMBRIDGE PHILOSOPHICAL SOCIETY, Transactions; vols. i. to vii.

4° *Cambridge*, 1821-42.

———, Charter and Bye-laws.

8° *Cambridge*, 1832.

CHEMICAL SOCIETY of *London*, Memoirs, 1841 to 1844; vols. i. and ii.

8° *London*, 1843-44.

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CORNWALL POLYTECHNIC SOCIETY, Reports, from the Commencement in 1833; 4 vols.

8° *Falmouth*, 1833-43.

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DUBLIN SOCIETY, Transactions; vol. ii. part 2 to vol. vi.; in 5 vols.

8° *Dublin*, 1802-10.

EDINBURGH, *Royal Society of*. See ROYAL SOCIETY OF EDINBURGH.

ELECTRICAL SOCIETY of *London*, Transactions and Proceedings, from 1837 to 1840.

4° *London*, 1841.

———, Proceedings, during the Sessions 1841 to 1843, edited by *Charles V. Walker*.

8° *London*, 1843.

GEOGRAPHICAL SOCIETY, *Royal*. See ROYAL GEOGRAPHICAL SOCIETY.

HORTICULTURAL SOCIETY of *London*, Transactions, from the Commencement in 1820; 7 vols.

4° *London*, 1820-30.

———, Reports of the Garden Committee.

4° *London*, 1823-27.

———, Bye-laws for the Garden of.

8° *London*, 1822.

HULL LITERARY AND PHILOSOPHICAL SOCIETY, Annual Reports and Laws.

8° *Hull*, 1825-26.

INSTITUTE OF BRITISH ARCHITECTS of *London*, Transactions; vol. i. 2 vols.

4° *London*, 1836-42.

B 2

INSTITUTION, *Royal*. See ROYAL INSTITUTION.

INSTITUTION OF CIVIL ENGINEERS, Transactions; vol. i.

4° London, 1836.

———, Proceedings, for the Sessions 1837 to 1843. 8° Lond., 1837-43.

IRISH ACADEMY, *Royal*. See ROYAL IRISH ACADEMY.

ISLINGTON LITERARY AND SCIENTIFIC SOCIETY, Inaugural Address, by
Mr. Sudlow. 8° London, 1837.

LEEDS PHILOSOPHICAL AND LITERARY SOCIETY, Transactions; vol. i.
part 1. 8° London, 1837.

———, Reports of the Council (vi. to xxiii.), in 1 vol.
8° Leeds, 1826-43.

———, Introductory Discourse to the Society, by *Mr. Thackrah*.
4° Leeds, 1821.

LINNÆAN SOCIETY OF LONDON, Transactions; vols. ix. to xx. 11 vols.

4° London, 1808-45.

———, Proceedings; Nos. 1 to 22.

8° London, 1838-44.

———, Address to the Zoological Club, by *Mr. Brooks*.

8° London, 1828.

LITERARY-FUND SOCIETY, Charter, Laws and Regulations.

8° London, 1840.

———, Address for the Festival, 1840, by *Sir R. Inglis*.

8° London, 1840.

———, ———, 1842.

8° London, 1842.

MEDICO-BOTANICAL SOCIETY, Bye-Laws.

8° London, 1828.

———, Orations; October 1826, 1827.

4° London, 1826-27.

———, Addresses to the Society, by *Earl Stanhope*.

8° London, 1829-37.

MICROSCOPICAL SOCIETY of London, Transactions; vol. i. part 1.

8° London, 1842.

NATURAL HISTORY SOCIETY of Northumberland, Durham and Newcastle-
on-Tyne, Transactions; vols. i. and ii. 4° Newcastle, 1831-38.

———, Reports from the year 1830.

8° Newcastle.

NUMISMATIC SOCIETY, Proceedings, from 1836 to 1839; 6 parts.

8° London, 1837-40.

ORIENTAL TRANSLATION FUND, Report of the Proceedings of the First
General Meeting of the Subscribers. 4° London, 1829.

PLYMOUTH INSTITUTION, Transactions.

8° Plymouth, 1830.

ROYAL AGRICULTURAL SOCIETY of England, Journal, from the Com-
mencement in 1840; 5 vols. 8° London, 1840-45.

ROYAL ASIATIC SOCIETY of Great Britain and Ireland, Transactions;
vols. i. to iii. 4° London, 1827-35.

———, Journal; vols. i. to viii. 8° London, 1834-43.

———, Proceedings. 8° London, 1832-37.

———, Regulations for. 4° London, 1823.

———, Prospectus of the Committee of Correspondence; fol.

ROYAL ASIATIC SOCIETY of *Great Britain and Ireland*, Proceedings of the Committee of Agriculture and Commerce. 8° 1837-41.

ROYAL COLLEGE OF SURGEONS, Bye-Laws. 8°.

———, Hunterian Oration, by *Sir William Blizard*, Feb. 1823.

4° London, 1823.

———, Catalogue of Museum. See also CATALOGUES.

ROYAL GEOGRAPHICAL SOCIETY of *London*, Journal, from the Commencement in 1832; 14 vols. 8° London, 1832-44.

———, Addresses to the Society, in 1838 and 1843, by *Mr. Hamilton*. 8° London, 1838-43.

———, —, in 1840, by *Mr. Greenough*. 8° London, 1840.

———, —, in 1844, by *Mr. Murchison*. 8° London, 1844.

ROYAL INSTITUTION of *Great Britain*, Journal; vols. i. and ii.

8° London, 1831.

ROYAL IRISH ACADEMY, Transactions, from the Commencement in 1787; 20 vols. 4° Dublin, 1788-1845.

———, Proceedings, for the years 1836 to 1843; 7 parts.

8° Dublin, 1837-44.

ROYAL SOCIETY of *Edinburgh*, Transactions, from the Commencement in 1788; 15 vols. 4° Edinburgh, 1788-1844.

———, Proceedings; Nos. 1 to 22. 8° Edinburgh, 1832-43.

ROYAL SOCIETY of *London*, Philosophical Transactions, abridged from the Commencement to 1733; 7 vols. 4° London, 1731-34.

———, —, vols. lxii. to lxxxii., 22 vols., from 1772 to 1792.

4° London, 1772-92.

———, —, from the year 1801 to 1807; 7 vols. 4° Lond., 1801-07.

———, —, for 1812, part 2, and 1813, part 2. 4° London, 1812-13.

———, —, for 1823, part 2. 4° London, 1823.

———, —, from 1824 to 1845; 23 vols. 4° London, 1824-45.

———, —, General Index to the first 70 vols. 4° London, 1787.

———, —, Alphabetical Index, from 1821 to 1830.

4° London, 1833.

———, Abstracts of the papers read, from 1800 to 1843; 4 vols.

8° London, 1832-43.

———, Diplomata et Statuta R.S.L.

4° London, 1823.

———, The Statutes of the Society, made in 1823. 4° London, 1823.

———, The History of the Society, by *T. Sprat*. 4° London, 1667.

———, A Statistical Summary of the Labours of the Society during the last 35 years, by *Dr. Granville*. 8° London, 1836.

———, Addresses made at Anniversaries of the Society in November 1833 and 1836, by *H.R.H. the Duke of Sussex*. 4° London, 1833-36.

———, Instruments and Apparatus belonging to the Society. 4°.

———, Portraits in the possession of the Society. 4°.

———, Statement of the circumstances of the Election of the President.

8° 1831.

———, Defence of the Resolution for omitting Mr. Panizzi's Bibliographical notes from the Catalogue. 8° 1838.

ROYAL SOCIETY of London, Report, by *Mr. Hudson*, on the adjudication of the Copley, Rumford and Royal Medals, and appointment of the Bakerian, Croonian and Fairchild Lectures. 4° London, 1834.

———, Catalogue of the Library. See also CATALOGUES.

SCARBOROUGH PHILOSOPHICAL SOCIETY, Reports, for the Year 1829 to 1842, with Williamson's Meteorological Observations.

8° Scarborough, 1830-43.

SCIENTIFIC SOCIETY of London, Proceedings. 8° London, 1839-40.

———, Regulations and Bye-Laws. 8°.

SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES AND COMMERCE, Transactions, from the Commencement in 1783, with Analytical Index to the first forty volumes; 55 vols. (vol. iv. wanting).

8° London, 1806-45.

———, Premiums for the Sessions 1829-36. 8° London, 1829-34.

WERNERIAN NATURAL HISTORY SOCIETY, Memoirs, from the Commencement in 1808; vols. i. to ix., except vols. iii. and vi.; 7 vols.

8° Edinburgh, 1811-38.

WORCESTERSHIRE NATURAL HISTORY SOCIETY, Reports and Proceedings.

8° Worcester, 1835-40.

———, Address, by *H. E. Strickland, Esq.*, in 1837.

8° Worcester, 1837.

———, Address, by *Rev. J. Pearson*, in 1839. 8° Worcester, 1839.

YORKSHIRE PHILOSOPHICAL SOCIETY, Annual Reports, for the Years 1825 to 1834. 8° York, 1825-35.

ZOOLOGICAL SOCIETY of London, Transactions; vol. ii. 4° London, 1841.

———, Proceedings, from the Commencement in 1830; 11 vols.

8° London, 1831-42.

2. EUROPEAN SOCIETIES, NOT BRITISH.

BAVARIA, *k. bayerischen Akademie der Wissenschaften zu München*, Almanach. 18° Munich, 1843-44.

———, ———, Bulletin; 3 vols. (15, 16, 17). 4° Munich, 1842-44.

———, ———, Abhandlungen der mathematisch-physikalischen Classe der Ak. 4° Munich, 1832-44.

———, ———, Denkschriften der Ak. für 1814-15. 4° Munich, 1817.

BERLIN, *k. Akademie der Wissenschaften*, Abhandlungen, aus dem Jahren 1812-42; 31 vols. 4° Berlin, 1816-44.

———, ———, Bericht über die zur Bekanntmachung geeigneten Verhandlungen der Ak.; 8 vols. 8° Berlin, 1836-44.

BOHEMIA, *Gesellschaft des vaterländischen Museums*, Verhandlungen; 11^{te}, 12^{te}, 13^{te} und 16^{te} Versammlung. 8° Prague, 1833.

BONN, *Academia Cesareæ Leopoldino-Carolinæ Naturæ curiosorum*, Nova Acta Physico-Medica, vols. xii.-xiv. & xv., part 1; 5 vols.

4° Bonn, 1826-31.

BORDEAUX, *Société Linnéenne*, Actes, avec Analyse de ses travaux, par J. L. Laporte; 2 vols. 8° Bordeaux, 1833-35.

BRUSSELS, *Académie Royale des Sciences et Belles Lettres*, Annuaire; 9 vols. 18° Brussels, 1836-44.

———, ———, Bulletins, Nos. 10 to 12 (of vol. iv.), and vols. v. to xi.; 12 vols. 8° Brussels, 1837-44.

———, ———, Mémoires sur les Questions proposées, vols. v. à xvi.; 13 vols. 4° Brussels, 1826-43.

———, ———, Nouveaux Mémoires, vols. x. à xvi.; 7 vols. 4° Brussels, 1837-43.

CALVADOS, *Société Linnéenne*, Mémoires. 8° Caen, 1824.

DENMARK, K. *Danske Videnskabernes Selskab*, Forhandlinger, og dets Medlemmers Arbejder, H. C. Oersted's Oversight; 3 parts. 4° 1839-41.

———, ———, Naturvidenskabelige og Mathematisk Afhandlinger, vols. viii., ix., x.; 3 vols. 4° Copenhagen, 1841-43.

———, ———, (*Societati Regiæ Danicæ Scientiarum*), Censura commentationum, 1840-41, et novæ quæstiones propositæ, 1842-43. 8°

———, *Royal Society of Northern Antiquaries at Copenhagen*, Reports, &c. (English, French and Danish). 8° 1838-39.

FRANCE, *Académie Royale des Sciences de l'Institut*, Mémoires; vols. v. to xviii. 14 vols. 4° Paris, 1826-42. ✕

———, ———, Mémoires présentés à l'Institut par divers savans (Sciences, Mathématiques et Physiques); 8 vols. 4° Paris, 1827-43.

———, ———, Comptes Rendus Hebdomadaires des Séances de l'Institut; 18 vols. 4° Paris, 1835-44. ✕

———, ———, Congrès Scientifique, tenues à Caen en Juillet, 1833. 8° Rouen, 1833.

———, See also PARIS.

GENEVA, *Société de Physique et d'Histoire Naturelle*, Mémoires; 9 vols. 4° Geneva, 1821-41.

GÖTTINGEN, K. *Gesellschaft der Wissenschaften* göttingische gelehrte Anzeigen. Verschiedene Stücke. 12° 1805-15.

HOLLAND, *Teyler's Tweede Genootschap*, Verhandelingen; xxi. Stuk. 4° Haarlem, 1832.

LISBON, *Academia Real das Sciencias de Lisboa*, Memorias, desde 1780 até 1788; e Historia e Memorias, desde 1797 até 1839. 4° Lisbon, 1797-1839.

———, ———, J. J. da Costa de Macedo's discorsi liti na Sessão Publica da Academia. 4° Lisbon, 1838-43.

MARSEILLES, *Annales des Sciences et de l'Industrie du Midi de la France*, publiées par la *Société de Statistique de Marseille*; vol. i. 8° Marselles, 1832.

MODENA, *Società Italiana delle Scienze* (Matematica e Fisica), Memorie; vol. xx.—xxii., 5 vols. 4° Modena, 1834-41.

MOSCOW, *Société Impériale des Naturalistes*, Mémoires; vol. v. 4° Moscow, 1817.

———, ———, Nouveaux Mémoires; vols. iii., iv. and vii., 3 vols. 4° Moscow, 1834-42.

MOSCOW, *Société Impériale des Naturalistes*, Bulletin, publié par G. Fischer de Waldheim. 8° Moscow, 1833-43.

———, ——— Auszug aus dem Reglement (with a French translation). 4° 1836.

MUNICH, See BAVARIA.

NAPLES, *Reale Academia delle Scienze*, sezione della *Società Reale Borbonica*; vol. 5, part 1. 4° Naples, 1843.

———, ———, Rendiconto; vol. 2, nos. 7-11. 4° Naples, 1843.

NEUCHÂTEL, *Société des Sciences Naturelles*, Mémoires; vol. i. and ii. 2 vols. 4° Neuchâtel, 1835-39.

NORMANDY, *Société Linnéenne*, Séance publique, tenue à Falaise le 5 Juin, 1834. 8° Caen, 1834.

———, ———, Mémoires, publiés par M. de Caumont, 5 vols. 4° Paris, 1835.

PARIS, *Muséum d'Histoire Naturelle*, Annales, par les Professeurs de cet établissement, avec Tables des Auteurs et des Matières; 21 vols.

4° Paris, 1802-13.

———, ———, Mémoires du Muséum, avec Tables, &c.; 20 vols.

4° Paris, 1815-32.

———, ———, Nouvelles Annales du Muséum; 4 vols.

4° Paris, 1832-35.

———, ———, Archives du Muséum; 3 vols.

4° Paris, 1839-43.

———, *Société d'Histoire Naturelle*, Actes; vol. i. fol. Paris, 1792.

———, ———, Mémoires.

4° Paris, 1799.

———, *Société d'Agriculture de la Seine*, Mémoires d'Agriculture, &c. 8° Paris, 1802.

———, See also FRANCE.

PETERSBURG, ST., *Acad. Reg. Scient. Boruss.* Quæstiones quas Classis Philosophica et Historia certamine liter. proponit. 8° St. Petersburg, 1844.

———, ———, Règlement et état de l'Académie. 8° St. Petersburg, 1803.

SWITZERLAND, *Société Helvétique des Sciences Naturelles*, Statutes.

4° Lausanne, 1818.

———, ———, Actes de la Société réunie à Neuchâtel.

8° Neuchâtel, 1837.

———, *Allgemeine schweitzerliche Gesellschaft für die gesammten Naturwissenschaften*, Denkschriften; vol. 9, part 1.

4° Zurich, 1820.

STRASBURG, *Société du Muséum d'Histoire Naturelle*, Mémoires; vol. iii. part 2. 4° Strasburg, 1842.

STUTTGARD, *Versammlung deutscher Naturforscher & Aertzte zu Stuttgart*. Sept. 1834, Kielmeyer and Jäger's Bericht. 4° Stuttgart, 1835.

3. ASIATIC SOCIETIES.

- ASIATIC SOCIETY of *Great Britain*. See *ante*, BRITISH SOCIETIES.
 BENGAL *Asiatic Society*, Transactions; 20 vols. 4° *Calcutta*, 1788–1839.
 ———, ———, Journal; vols. i. to iv. and vii. to xii., and nos. 145 to 150. 8° *Calcutta*, 1832–44.
 BOMBAY *Branch Royal Asiatic Society*, Journal; nos. 3 to 6. 8° *Bombay*, 1842–43.
 INDIA, *Agricultural and Horticultural Society*, Transactions; vol. i. 8° *Serampore*, 1829.

4. AMERICAN SOCIETIES.

- AMERICAN *Academy of Arts and Sciences*, Memoirs; vols. iii. and iv. 4° *Cambridge, U.S.*, 1809–18.
 ———, *Philosophical Society*, Transactions, from the commencement, in 1789; 6 vols. 4° *Philadelphia*, 1789–1804.
 ———, ———, New Series; 9 vols. 4° *Philadelphia*, 1818–44.
 ———, ———, Transactions of the Historical and Literary Committee. 8° *Philadelphia*, 1838.
 ———, ———, Proceedings. 8° *Philadelphia*.
 BOSTON *Journal of Natural History*, containing Papers read to the Boston Society of Natural History; vols. i. to iv. 8° *Boston*, 1837–44.
 NEW YORK, *Board of Agriculture* of the State, Memoirs; vols. ii. and iii. 8° *Albany*, 1823–26.
 ———, *Literary and Philosophical Society*, Transactions; vol. i. 4° *New York*, 1815.
 PENNSYLVANIA, *Frankland Institute*, Journal, edited by T. P. Jones; vol. x., no. 2.
 PHILADELPHIA, *Academy of Natural Sciences*, Journal; vols. i. and vii. 8° *Philadelphia*, 1817 and 1831.
 ———, ———, Proceedings; vol. ii., no. 7. 8° *Philadelphia*, 1845.
 ———, ———, Reports of the Transactions, during 1825–28; by Dr. Morton. 8° *Philadelphia*, 1827–29.
 QUEBEC, *Literary and Historical Society* (founded in 1824), Transactions; vols. i. to iii. 8° *Quebec*, 1829–37.

WASHINGTON, *National Institution*, for the Promotion of Science, Constitution and Bye-Laws. 8° *Washington*, 1840.

———, ———, First and Second Bulletin of the Proceedings. 8° *Washington*, 1841.

———, ———, *Mr. Poinsett* on the Objects and Importance of the Institution. 8° *Washington*, 1841.

WEST INDIAN ISLANDS, Proceedings relative to the formation of the *Union Society*. 8° 1838.

C.

GEOLOGICAL JOURNALS.

- AMERICAN (Monthly) *Journal of Geology and Natural Science*. Nos. 1 and 2. 8° Philadelphia, 1831.
- *Mineralogical Journal*. Nos. 1 to 3. 8° Philadelphia, 1810.
- ANNALES DES MINES. Vide MINES.
- ANNUAIRE du *Journal des Mines de Russie*. See MINES.
8° St. Petersburg, 1840-44.
- ARCHIV für *Mineralogie, Geognosie*, etc. herausgegeben von C. J. B. Karsten u. H. v. Dechen; vol. 19. Berlin, 1845.
- BERGMAENNISCHES *Journal*, herausgegeben von A. W. Köhler; 12 vols. 12° Freyburg, 1788-94.
- , *neues Journal*, von Köhler und Hoffmann; 3 vols. 12° Freyburg, 1795-1802.
- , ———, von Hoffmann; vol. 4. 12° Freyburg, 1804.
- BULLETIN UNIVERSEL de *Géologie*. See MISCELLANEOUS JOURNALS.
- BOUET, JOBERT and ROGET, *Journal de Géologie*; vols. ii. and iii. 8° Paris, 1830-31.
- GEOLOGICAL SOCIETY, *The Quarterly Journal*, edited by the Vice-Secretary of the Geological Society; 1 vol. & vol. ii. part 1. 8° London, 1845.
- GEOLOGIST, *The*, a record of investigations in Geology, Mineralogy, &c., edited by Charles Moxon. 8° London, 1842-3.
- GÖTTINGSCHEM Vereins bergmännischer Freunde, Studien der Vereins von Hausmann; vols. i. to iv. 8° Göttingen, 1824-41.
- JAHRBUCH für *Mineralogie, Geognosie, Geologie und Petrefaktenkunde*, herausgegeben von Leonhard und Bronn; 3 vols. 8° Heidelberg, 1830-32.
- , (*neues*) für *Mineralogie, &c.* von Leonhard und Bronn; 4 vols. and vol. for 1845. 8° Stuttgart, 1833-36 & 1845.
- MINES, *Journal des*, ou recueil des mémoires sur l'exploitation des mines, &c.; 38 vols. in 39. 8° Paris, 1795-1815.
- , *Annales des* (Journal des Mines, 2^{me} série); 11 vols. 8° Paris, 1817-25.
- , ———, (troisième série); 19 vols. (vols. v., vi., vii. imperfect). 8° Paris, 1832-41.
- , DE RUSSIE, *Annuaire du Journal des*, pour les années 1835-41. 8 vols. 8° St. Petersburg, 1841-44.
- MINING *Journal* from the commencement in 1835. fol. London, 1835.
- *Review*, 1st series; vols. ii. and iii. 8° London, 1831-35.
- , new series; vol. i. 8° London, 1837.
- , (Monthly Record of Geology, &c.); vols. iv. v. vi. 4° London, 1838-40.

D.

MISCELLANEOUS JOURNALS.

AMERICAN *Journal of Science and Arts*, conducted by Professor *Silliman*, from the commencement in 1819; 48 vols. 8° *New Haven*, 1819–45.

———— *Quarterly Journal of Agriculture and Science*, conducted by *Emmons* and *Prime*; vol. i. 8° *Albany*, 1845.

ANALYST, *The*, edited by *E. Mammatt*, various numbers.

8° *Birmingham*, 1835–38.

ANNALES des *Sciences d'Observation*, publiées par *Saigey* et *Raspail*; vol. i. 8° *Paris*, 1829.

———— des *Sciences Naturelles*, par *Audouin*, *Brongniart* et *Dumas*; vols. xxii. à xxx. 8° *Paris*, 1831–33.

ANNALS of *Natural History*, by Sir *W. Jardine*, No. 1. 8° *Lond.*, 1838.

ARCHITECTURAL MAGAZINE, by *J. C. Loudon*, No. 1. 8° *Lond.*, 1834.

ATHENÆUM, *The*, A Journal of Literature, Science and the Fine Arts; 15 vols. 4° *London*, 1831–45.

BIBLIOTECA ITALIANA, ossia Giornale di Letteratura, Scienze ed Arti da una Società di Letterati, vols. i. & ii.; 2 vols. 8° *Milan*, 1816.

BULLETIN UNIVERSEL DES SCIENCES, publié sous la direction de *M. de Férussac*, viz.—

————, Bulletin général des *Nouvelles Scientifiques*; 4 vols.

8° *Paris*, 1823.

————, Bulletin des *Sciences Mathématiques*, &c.; 10 vols.

8° *Paris*, 1824.

————, Bulletin des *Sciences Naturelles* et de *Géologie*; 27 vols.

8° *Paris*, 1824–31.

————, Bulletin des *Sciences Médicales*; 15 vols. 8° *Paris*, 1824.

————, Bulletin des *Sciences Agricoles* et *Economiques*; 19 vols.

8° *Paris*, 1824.

————, Bulletin des *Sciences Technologiques*; 10 vols. 8° *Paris*, 1824.

————, Bulletin des *Sciences Géographiques*, &c.; 11 vols.

8° *Paris*, 1824–27.

————, Bulletin des *Sciences Historiques*, &c.; 10 vols. 8° *Paris*, 1824.

————, Bulletin des *Sciences Militaires*; 5 vols. 8° *Paris*, 1824.

CALCUTTA *Journal of Natural History*, etc., conducted by *J. M' Clelland* and *W. Griffith*. vols. iii. and iv. 8° *Calcutta*, 1843–44.

ECHO du *Monde Savant*, Journal des *Nouvelles Scientifiques*, Nos. 33 to 44, etc. fol. *Paris*, 1834–36.

- EMPORIUM of *Arts and Sciences*, conducted by *Dr. Coxe*; 2 vols.
 8° *Philadelphia*, 1812.
- ENTOMOLOGICAL MAGAZINE; vols. i. to v. 8° *London*, 1833-38.
- GORDON'S *Journal of Elemental Locomotion*, Nos. 1-5. 8° *London*, 1832-33.
- HERMES, *Journal des Nouvelles Scientifiques*, 6 Nos. fol. *Paris*, 1836.
- HORTICULTURAL REGISTER, by *J. Paxton* and *J. Harrison*, continued by
J. Main; vols. i. to v. 8° *London*, 1831-36.
- JOURNAL DE PHYSIQUE, etc., par *Rozier*, *Delam  therie*, *De Blainville*, &c.;
 96 vols. in 97. 4° *Paris*, 1773-1823.
- JOURNAL OF SCIENCE and the Arts, and Quarterly Journal of Science,
 Literature and the Arts, edited at the Royal Institution of Great Britain
 (with the Index to the first 20 vols.); 23 vols. 8° *London*, 1816-26.
- , New Series; vols. i. to vii. 8° *London*, 1827-30.
- LOUDON'S *Suburban Gardener*, &c.; nos. 1 to 9. 8° *London*, 1838.
- MACLURIAN Museum of Arts and Sciences, Contributions to; nos. 1 and 2.
 8° *Philadelphia*, 1827.
- MADRAS *Journal of Literature and Science*, edited by *R. Cole* and *C. P.*
Brown; vols. iv. to xii. 8° *Madras*, 1836.
- MAGAZINE of Natural History, &c.; first series, conducted by *J. C. Loudon*;
 9 vols. 8° *London*, 1829-36.
- . New Series, conducted by *E. Charlesworth*; 4 vols.
 8° *London*, 1837-40.
- . Illustrations to, by *E. Charlesworth*; no. 1. 8° *London*, 1839.
- MALACOLOGICAL and Conchological Magazine; pt. 1. 8° *London*, 1838.
- MICROSCOPIC Journal and Structural Record, edited by *D. Cooper* and
G. Busk. 8° *London*, 1842.
- NATURALIST, *The*, edited by *Neville Wood*; nos. 8 to 12, 17 to 19, 23,
 25, 26 and 29. 8° *London*, 1837-39.
- NICHOLSON'S *Journal of Natural Philosophy*, Chemistry and the Arts, from
 the commencement in 1802; 30 vols. 8° *London*, 1802-12.
- PHILOSOPHICAL MAGAZINE, comprehending the various branches of
 Science; vols. i.-xli., by *Dr. Tilloch* alone: vols. lxi.-lxv., by *Dr. Til-*
loch and *R. Taylor*: vols. lxvi.-lxviii., by *R. Taylor* alone; 48 vols.
 8° *London*, 1798-1813-23-26.
- PHILOSOPHY, *Annals of*, or Magazine of Chemistry, &c., and the Arts;
 16 vols. 8° *London*, 1813-20.
- , ———, New Series, vols. i. to xii.; 12 vols. 8° *London*, 1821-26.
- PHILOSOPHICAL MAGAZINE and ANNALS OF PHILOSOPHY (United Se-
 ries), by *R. Taylor* and *R. Phillips*, with General Index; 11 vols.
 8° *London*, 1827-32.
- PHILOSOPHICAL MAGAZINE, LONDON AND EDINBURGH, (by *Sir D.*
Brewster, *R. Taylor*, *R. Phillips* and *Dr. Kane*) 12 vols. with Index
 to 1838, & 14 vols. from 1838 to 1845; 26 vols. 8° *London*, 1832-45.
- PHYSIOLOGICAL Journal (London), edited by *Messrs. Goodfellow* and
Quekett; nos. 1 to 5. 8° *London*, 1843-44.
- PHYTOLOGIST, *The*, a Botanical Journal. 8° *London*, 1843-44.
- PRACTICAL Mechanic and Engineers' Magazine; nos. 1 and 2.
 8° *Glasgow*, 1841.

REPERTORY of *Patent Inventions* and other discoveries and improvements in Arts, Manufactures and Agriculture, from 1834; nos. 1 to 104, (wanting 13, 22, 33, 45, 46, 48 and 99). 8° London, 1834-42.

RECORDS of *General Science*, by *Dr. R. D. Thomson*; no. 2.

8° London, 1835.

TASMANIAN *Journal of Natural Science*. 8° Hobart Town, 1841-43.

ZOOLOGIST, *The*, conducted by *Edward Newman*; nos. 1 to 15.

8° London, 1843.

SECOND DIVISION.

GEOLOGICAL BOOKS.

E.

DESCRIPTIVE GEOLOGY.

1. THE DESCRIPTIVE GEOLOGY OF ROCKS AND FORMATIONS.—
EXCLUDING MODERN VOLCANIC ROCKS.

- BASALTINE Mountains.** Collection of Fifty Views, engraved by J. Leonardis, of Venice. fol. 1776.
- BAUME DE BALOT,** Notice Géologique sur. 8°.
- BEAUMONT, Elie de.** Observations sur les formations qui dans le système des Vosges séparent la formation *Houillère* de celle du *Lias*. 8° Paris, 1828.
- BERGEZ, J. F.** Des *Couches arquées*, et des *Couches en calotte* ou en *chevron*; MS. 1817.
- BOBLAYE.** Recherches sur les roches, *Marbre Lacédémonien* et *Ophite*. 4° 1833.
- BOUBÉE, Nérée.** Tableau Mnémonique des *Terrains Primitifs*, avec explication. 8° Paris, 1831.
- BREISLAK, Scipione.** Memoria sulla giacitura di alcune *Rocce porfiritiche e granitose*, osservate nel Tivolo dal Sig. Conte *Marzari-Pencati*. 8° Milan, 1821.
- BRONGNIART, Alexandre.** Des *Lignites*. 8° Paris, 1823.
- . Caractères Minéralogiques et Histoire Géognostique de la Roche *l'Arkose*. 8° 1826.
- . Classification et Caractères Minéralogiques des *Roches Homogènes et Hétérogènes*. 8° Paris, 1827.
- . Sur les *brèches osseuses*, etc. 8° 1828.
- . Sur le gisement des *Ophiolites, Euphotides, Jaspes, &c.*, dans les *Appenins*. 8° Paris, 1821.
- BUCH, Leopold von.** Ueber den *Dolomit* in Tirol. 8°.
- BURAT, Amédée.** Description des *Terrains Volcaniques* de la France centrale. 8° Paris, 1833.
- CHARLESWORTH, Edward.** On the *Crag Formation* and its Organic Remains. 8° 1835.

- CHARLESWORTH, Edward. Reply to Woodward's Remarks on the *Co-ralline crag*. 8° 1835.
- COLE, Robert. On the Geological position and association of the *Late-rite* or Iron clay formation of India. 8°.
- CORDIER, Louis. Mémoire sur les substances minérales dites '*en masse*' dans les roches volcaniques de tous les âges. 4° 1815.
- DAUBUISSON, J. F. Account of the *Basalts* of Saxony, with observations on the Origin of Basalt in general, translated, with notes, by P. Neill. 8° *Edinburgh*, 1814.
- DE LUC, J. André. Géologie: De la matière première des *Laves*. 8° 1816.
- DUFRENOY, J. E. Sur la nature et la position des *Calcaires Amygdalins* (des Pyrénées). 8°.
- . Mémoire sur la relation des *Ophites*, des *Gypses*, et des sources salées des Pyrénées. 8°.
- . sur l'existence du *Gypse* et minéraux métallifères dans le *Calcaire à Gryphites*. 8°.
- ENGELSPACH LA RIVIÈRE. Considérations sur les *blocs erratiques* de roches primordiales. 8° *Brussels*, 1829.
- ESCHWEGE, W. L. von. Geognostisches Gemälde von Brasilien, und wahrscheinliches *Muttergestein der Diamanten*. 8° *Weimar*, 1822.
- FAUJAS DE ST. FOND. Recherches sur les *Volcans éteints* du Vivarais et du Velay, avec Discours sur les Volcans brulans, etc. fol. *Grenoble*, 1778.
- FAVRE, Alphonse. Remarques sur les *Anthracites* des Alpes. 4° 1841.
- FONTANA. Dell' *Antracite* o Carbone di Cava detto 'Carbon Fossile.' 8° *Firenze*, 1790.
- GEMMELLARO, C. Considerazioni Geologiche sullo *Zolfo*. 4° 1833.
- HARE, Thomas. Observations on *Basalt*. MS. 1815.
- HIBBERT, Samuel, M.D. History of the *Extinct Volcanos* of the Basin of Neuwied on the Lower Rhine. 8° *Edinburgh*, 1832.
- HUMBOLDT, Alex. de. Essai Géognostique sur le Gisement des Roches dans les deux Hémisphères. 8° *Paris*, 1823.
- HUTTON, William. On the *Stratiform Basalt* in the Carboniferous formation of the North of England. 4° *Newcastle-on-Tyne*, 1832.
- IDESTAM, Gustavus. Tentamen de *Granitis*, complectens analysin *Granati Orijerviensis*. 4° *Abu*, 1819.
- IMRIE, Col. On preparing specimens of Rocks; MS.
- KERN, Joh. G. Vom *Schneckensteine*, oder dem sächsischen *Topasfelsen*, herausgegeben von T. edlen von Born. 4° *Prague*, 1776.
- LACOSTE de Plaisance. Lettres Minéralogiques et Géologiques sur les *Volcans* de l'Auvergne. 8° *Clermont*, 1805.
- LAUNAY, M. de. Essai sur l'Histoire Naturelle des Roches. 12° *Brussels*, 1786.
- LEHMANN, Joh. G. Versuch einer Geschichte von *Flötz-Gebirgen*. 12° *Berlin*, 1756.
- LEONHARD, K. C. von. *Phonolith-Berge* 1 Rhön. 8° 1827.
- LYELL, Charles. On the Tubular Cavities called *Sand-pipes* in the Chalk near Norwich. 8° 1833.

- LYELL, Charles. On the Dyke of *Serpentine* cutting through sandstone in the county of Forfar.
- MAN, W. Theory of the Formation of *Chalk* and *Flint*, and its arrangement in strata. 18° Reading, 1833.
- MONTEIRO. Description du *Pyroméride globaire*, ou de la Roche "*Porphyre globuleux de Corse*." 4° 1814.
- NECKER, L. A. Notice sur l'*Hyperstène* et la *Siénite Hypersténique* de la Valteline. 8° 1829.
- NORGGEBATH, Jacob. Das Gebirge in Rheinland-Westphalen, nach mineralogischem und chemischem Bezuge.
- NÖSE, Karl W. Sammlung einiger Schriften über vulkanische Gegenstände und den *Basalt*. (aus dem Franz. und Dän.) [*Saussure, Rothe und Born.*] 12° Frankfurt, 1795.
- OPPERMANN, Peter W. Ueber *Schaalstein* und *Kalktrapp*, zwei Felsarten. 4° Frankfurt, 1836.
- OMALIUS D'HALLOY, J. J. de. Des Roches considérées minéralogiquement. 8° Paris, 1841.
- PEPYS, W. H. Analysis of the *Sand Tubes* found at Drigg. MS. ✕
- PFANKUCH, Otto. Ueber die zu Svoldorf erbohrte *Salzsoole*. 8°.
- POETZSCH, C. G. Ueber das Vorkommen des *Granits* in geschichteten Lagen, besonders in der Oberlausitz. 8° Dresden, 1803.
- PILLA, Leop. Ricerche della posizione del Terreno del *Macigno* in Italia e nel Mezzogiorno d'Europa. 8° Pisa, 1845.
- RASPE, R. E. Account of some German (extinct) Volcanos and their Productions [Supplement to Sir W. Hamilton's Obs. on Italian Volcanos]. 8° London, 1776.
- RAUMER, Karl von. Der *Granit* des Riesengebirges und die ihn umgebenden Gebirgs-Familien. 8° Berlin, 1813.
- RICHARDSON, William, D.D. On the Alterations in the structure of Rocks in the Basaltic country in *Derry* and *Antrim*. 4° London, 1808.
- RITTER, Chr. W. Beschreibung merkwürdiger Bergen, Felsen und Vulkanen; 2 vols. in 1. 8° Leipsic, 1806.
- SARTORIUS, Geo. C. Beyträge zur Kenntniss des *Flötz-Sandsteins*. 12° Eisenach, 1809.
- . Beobachtungen in Hinsicht des *Basalts*. 12° Eisenach, 1821.
- . Die Basalte in der Gegend von *Eisenach*. 12° Eisenach, 1802.
- SAVI, Paolo. Sul mischio di Serravezza Roccia dei traboccamenti dolomitici della Toscana. 8° 1830.
- SCHAEFER, Th. Ueber den *Norit* und die auf der Insel Hitteröe in dieser Gebirgsart vorkommenden mineralienreichen Granitgänge. fol.
- SHORTO, H. Extract of a Letter on *Chalk Flints*. MS. 1814.
- SOLLY, S. On *Whindyles* and *Trap*. MS.
- . On the probable Origin of certain *Trap* Rocks. MS. fol.
- STEFFENS, Heinrich. Vollständiges Handbuch der Oryktognosie; 2 vols. 12° Halle, 1811.
- STEININGER, Joh. Beiträge zur Geschichte der *rheinischen* Vulkane. 8° Mayence, 1821.
- STRÖM, H. C. Geognostiske Reminiscentser især om *Graniten*. 8° 1832.

- TONDI. Tableau Synoptique d'Oryctognosie, ou Connoissance des Montagnes ou Roches. 8° 1811.
- VIRLET, Théod. Notice sur les *Marbres*. 12° *Paris*.
- . De l'Origine des différens *Combustibles Minéraux* et des Bois Fossiles sur la surface du Globe. 12° *Paris*.
- VELTHEIM, A. F. von. Etwas über die Bildung des *Basalts*. 12° *Leipsic*, 1787.
- WEAVER, Tho. On the Composition of *Chalk* Rocks and *Chalk Marl* by invisible Organic Bodies, from the Observations of *Dr. Ehrenberg*, with Appendix [on Alcide D'Orbigny's view of the White Chalk of the Paris Basin]. 8° *London*, 1841.
- . Observations on the distinctive Characters of the principal Classes of Rocks. MS. fol.
- WIDENMANN, Juan F. W. La Oricognosia, traducida por Don Christ. Herrgen; 2 vols. 8° *Madrid*, 1797.
- . Ueber die Umwandlung einer Erd- und Stein-Art in die andere. 12° *Berlin*, 1792.
- WYCK, H. J. van der. Uebersicht der rheinischen und eifeler *erloschenen Vulkane*. 8° *Bonn*, 1826.

2. MODERN VOLCANOS, MODERN VOLCANIC ROCKS, EARTHQUAKES
AND VOLCANIC PHENOMENA.

- ABICH, H. Ueber die Natur und den Zusammenhang der vulkanischen
Bildungen in *Unter- und Mittel-Italien*. 4° *Brunswick*, 1841.
- . Vues illustratives de Phénomènes Géologiques observés sur
le *Vésuve* et l'*Etna* pendant 1833–34. Oblong fol. *Berlin*, 1837.
- AMATO, G. d'. Divisamento sulle Opinioni intorno a Fenomeni del *Vesuvio*, etc. 8° *Naples*, 1756.
- AMODIO, Giul. Trattato del Terremoto nel *Vesuvio*. 16° *Naples*, 1632.
- ANGLION, J. Extract—Account of a Marine Volcano at *St. Michaels*.
MS.
- ASTERIO, Pietro. Discorso Aristotelico intorno al Terremoto nella Città
di *Napoli*, Dec. 1631. 16° *Naples*, 1632.
- ATTUMONELLI, Michele. Della Eruzione del *Vesuvio* nell' anno 1779.
8° *Naples*, 1779.
- AULDJO, John. Sketches of *Vesuvius*, with Accounts of its principal
Eruptions. 8° *Naples*, 1832.
- BAMMARATA, C. Relatione de lu Lacrimusu Successu di lu Focu di *Monte-
gibeddu*, (in terza rima Siciliana.) 16° *Naples*, 1669.
- BEROLDINGEN, Franz von. Die Vulkane älterer und neuerer Zeiten;
2 vols. in 1. 8° *Mannheim*, 1791.
- BERTRAND, E. Mémoires Historiques et Physiques sur les Tremblemens
de Terre. 12° *The Hague*, 1757.
- BOTTIS, Gaetano de. Ragionamento Istórico intorno a Nuovi Vulcani
comparsi nell' anno 1760 nel Territorio della *Torre del Greco* [*Vesuvio*].
4° *Naples*, 1761.
- . Ragionamento dell' Incendio del *Vesuvio*, nell' anno 1767.
4° *Naples*, 1768.
- . —, nell' anno 1770. 4° *Naples*, 1776.
- BOUBÉE, Nérée. Promenade au *Mont Dore* (sur les Cratères de Sou-
lèvement). 18° 1833.
- BOVE, Vinc. Il *Vesuvio* Acceso. 16° *Naples*, 1632.
- BRACCINI, Giul. C. Relazione dell' Incendio del *Vesuvio*, 16 Dec., 1631.
16° *Naples*, 1631.
- BROCCHI, Giamb. Sulla corrente di lava di *Capo di Bove*, presso *Roma*,
etc. 8°.
- . Lettera sopra alcuni ammassi colonnari Basaltini di *Viterbo*.
8° 1816.
- . Sulla Eruzione del *Vesuvio* del 1812. 8° *Milan*, 1817.
- BUCH, Baron Leopold von. Ueber den *Pic von Teneriffa*. 4°.
- . *Canarischen Inseln*, Atlas. Fol. *Paris*, 1824.
c 2

- BUCH, Baron Leopold von. Ueber einen Vulcanischen Ausbruch auf der Insel *Lanzerote*. 4° *Berlin*, 1820.
- BYLANDT PALSTERCAMP, Comte A. de. Théorie des Volcans; 3 vols. 8° *Paris*, 1835, with folio Atlas.
- . Avant-propos à son ouvrage "Théorie des Volcans." 8°.
- CAMPO, Donato. Incendio trentesimo del *Vesuvio* accaduto Agosto 8, 1779. 4° *Naples*, 1779.
- CASSOLA, F. e L. PILLA. Lo Spettatore del *Vesuvio* e de' *Campi Flegrei*; 2 parts. 8° *Naples*, 1832.
- CHIAVETTA, Benedetto. Memoria dell' Eruzione dell' *Etna*, 27 Marzo, 1809. 8° *Messina*, 1809.
- COLLINI, —. Considérations sur les Montagnes Volcaniques. 4° *Mannheim*, 1781.
- DARWIN, Charles. Geological observations on the Volcanic islands visited during the Voyage of H.M.S. Beagle, etc. 8° *London*, 1844.
- DAUBENY, Charles, M.D. Volcanic Geology (from the Encyclopædia Metropolitana). 4°.
- . Reply to Professor Bischof's Objections to the Chemical Theory of Volcanos. 8°.
- . Letters to Professor Jameson on the Volcanos of *Auvergne*. 8° 1825.
- . Description of Active and Extinct Volcanos, with remarks on their Origin, Chemical Phænomena, and the Characters of their products. 8° *London*, 1826.
- . Note on Dr. Davy's "Notice on the Remains of the Recent Volcano in the Mediterranean." 4° *London*, 1833.
- . Account of the Eruption of *Vesuvius* in August 1834. 4° *London*, 1835.
- DELUC, J. André. Géologie :—De la matière première des Laves. 8° 1816.
- DOLOMIEU, D. de. Voyage aux îles de *Lipari* ou Notices sur les îles *Æoliennes* pour servir à l'Histoire des Volcans. 8° *Paris*, 1783.
- . Mémoire sur les îles *Ponces* et Catalogue des Produits de l'*Etna* [Suite au Voyage aux îles de *Lipari*]. 8° *Paris*, 1788.
- DOUGLAS, Sir H. Extracts from his Despatch on the Earthquake of *Zante*. fol. 1841.
- FALCONI, Biase A. delli. Gli Terrori del Titubante *Vesuvio*. 16° *Naples*, 1632.
- FERBER, J. J. Travels through Italy (on its Mountains and Volcanos), translated by R. E. Raspe. 8° *London*, 1766.
- FERRARA, Francesco. I *Campi Flegrei* della Sicilia e delle Isole che le sono intorno. 4° *Messina*, 1810.
- . Storia Generale dell' *Etna*, sue Eruzioni e Fenomeni. 8° *Catania*, 1793.
- . Descrizione dell' *Etna*, con la Storia delle Eruzioni e il Catalogo dei Prodotti. 8° *Palermo*, 1818.
- . Memoria sopra i Tremuoti della *Sicilia* in Marzo 1823. 8° *Palermo*, 1823.

FRANKLYN, Dr. Extract of a Letter [on the Eruption of Mount *Etna*]. MS. 1809.

GEMMELLARO, Carlo. Sopra alcuni Pezzi di Granito e di Lave Antiche trovati presso alla Cima dell' *Etna*. 8° *Catania*, 1823.

———. Curiosi venuti all' *Etna* da 1811 a 1836. MS.

GIOENI, Gius. Saggio di Littologia *Vesuviana*. 8° *Naples*, 1790.

GUADALOUPE. Rapport fait aux Citoyens V. Hugues et Lebas sur la Situation du Volcan de. 4° *Guadaloupe*, 1798.

———. Translated from the French. MS. 4°.

L'HERMINIER, F. Notes sur la *Souffre Guadaloupe*. MS. Fol. 1813.

HUMBOLDT, Alex. von. Geognostische Beobachtungen ueber die Vulkane des Hochlandes von *Quito*. 8° 1837.

HUNT, Robert. Particulars of the Earthquake felt in parts of *Cornwall*, Feb. 17, 1842. 8°

LE BRUN. Odes sur Lisbonne et les Causes des Tremblemens de Terre de 1755. 8° *The Hague*, 1756.

LEONE, Andrea de. Giornale e Notizie de' Tremuoti accaduti l'anno 1783 nella Provincia di *Catanzaro*. 8° *Naples*, 1783.

LIMA. Relation of the Dreadful Earthquake, at this place, and the neighbouring Port of *Callao* in Oct. 1746, with Description of the Kingdom of Peru, etc. 8° *London*, 1748.

LORENZANA, Fr. Grande de. Brebe Compendio del lamentable Ynzendio del *Monte de Soma*. 16° *Naples*, 1632.

MARASCHINI, Pietro. Osservazioni sulle Rocce pirigene della *Valle di Fiemme*. 8° 1823.

MECATTI, Gius. M. Racconto Storico-filosofico del *Vesuvio*, e particolarmente dell' Eruzione di 1751–52. 4° *Naples*, 1752.

———. Descrizione della Lava scorsa nel mese di Luglio, 1754, nel Cratere del *Vesuvio*, etc. 4° *Naples*, 1754.

MONTICELLI, Teod. Descrizione dell' Eruzione del *Vesuvio*, Dicembre 1813. 4° *Naples*, 1815.

———. Opere, vol. ii. [dell' Eruzioni del *Vesuvio*.] 4° *Naples*, 1841.

——— et N. COVELLI. Observations et Expériences au *Vésuve* pendant 1821–22. 8° *Naples*, 1822.

———. Storia dei Fenomeni del *Vesuvio*. 8° *Naples*, 1823.

NECKER, L. A. Mémoire sur le *Mont Somma*. 4° *Geneva*, 1828.

NOSE, Karl W. Beyträge zu den Vorstellungsarten über Vulkanische Gegenstände. 12° *Frankfort*, 1792.

PAOLI, D. Discorso del Sollevamento e dell' Avvallamento di alcuni Terreni. 8° *Pesaro*, 1838.

PILLA, Leop. Paralello fra i tre Vulcani ardenti dell' *Italia*. 8° 1835.

———. Relazione de' Tremuoti alla Città di *San-Germano* ed al Monasterio di *Monte Casino* in 1837. 4°.

PREVOST, Constant. Introduction au Voyage à l'île *Julia* en 1831–32. 12° *Paris*.

———. Introduction au Rapport à l'Acad. Roy. des Sciences sur le Voyage à l'île *Julia* en 1831–32. 8° *Paris*.

- PRZYSTANOWSKI, Rud. von. Ueber den Ursprung der Vulkane in *Italien*.
8° *Berlin*, 1822.
- SCACCHI, A. Notizie dei Vulcani della *Campania*. 8° *Naples*, 1844.
- SCROPE, G. Poulett. Considerations on Volcanos, leading to the establishment of a New Theory of the Earth. 8° *London*, 1825.
- SICA DE GIFONI, G. Discorso tra l' Effetti cagionati dalla voragine del *Vesuvio*. 16° *Naples*, 1632.
- SMYTH, W. H. Remarks on an Error respecting the Site and Origin of *Graham Island*. 4° 1832.
- SOMME, Monte di (*Vesuvio*). Relazione dell' Incendio nel.
16° *Naples*, 1632.
- SORRENTINO, Ignazio. Istoria del *Monte Vesuvio*. 4° *Naples*, 1734.
- SUTCLIFFE, T. The Earthquake of *Juan Fernandez* in 1835.
8° *Manchester*, 1839.
- TATA, Dom. Relazione dell' Eruttazione del *Vesuvio* [con Continuazione]. 12° *Naples*, 1790.
- TAUROMINA. Relatione del nuovo incendio della Montagna di *Mongibello*. 16° *Rome*.
- TORRE, Gio. M. della. Storia e Fenomeni del *Vesuvio* [con Supplemento].
4° *Naples*, 1755.
- . Incendio del *Vesuvio*, Ottobre 1767. 4° *Naples*, 1767.
- VESUVIUS, Mount. Natural History of, composed by the Royal Academy of Sciences at Naples, translated from the Italian. 12° *London*, 1743.
- . Istoria dell' Incendio del Maggio 1737, scritta per l'Accademia delle Scienze. 4° *Naples*, 1738.
- . Extract of a Letter from Sorrento on the Eruption in Jan. 1835.
- . Dei Vulcani più noti del, Osservazioni di Uomini insigni di varii tempi [Tozzetti, Galiani, Plinio, Magalotti, Gio. Strange, Bomare, Darbie, Derham, R. Mead, A. de Gennaro, e Saverio Minervino]; 2 vols. 12° *Leighorn*, 1779.
- WALTERSHAUSEN, Baron von. Atlas de l'*Etna*; part 1.
Oblong folio. *Paris*, 1845.
- WINCKELMAN, Abbé. Account of the Situation and Destruction by the first eruptions of *Mount Vesuvius*, of *Herculaneum*, *Pompeii* and *Stabia*.
8° *London*, 1771.

3. THE DESCRIPTIVE GEOLOGY OF LIMITED DISTRICTS
IN THE BRITISH ISLANDS.

- AIKIN, Arthur. Proposals for a Mineralogical Survey of the County of *Salop*. 4°
- AINSWORTH, W. Account of the Caves of *Ballybunian*, County of *Kerry*, with some Mineralogical Details. 8° *Dublin*, 1834.
- ALEXANDER, Capt. H. The Soils of *East Suffolk*, considered geologically. 8° *Woodbridge*, 1840.
- BARTON, R. Lectures in Natural Philosophy [upon the Petrifications, Gems, Crystals and Sanative Quality of *Lough Neagh* in *Ireland*]. 4° *Dublin*, 1751.
- BATHURST, Chas. Account of the Geology of the country between *Stamford* and *Bedford*. MS. 1826.
- BENETT. Section of *Chicks Grove Quarry, Wilts*. MS.
- BERGER, J. F. Geognostic Remarks upon the Rocks near *Dublin*. MS.
- BEZHILL, Sussex. Account of the Measures sunk through at this spot. MS.
- BIRD, John, and George YOUNG. Geological Survey of the *Yorkshire Coast*; 2nd edit. 4° *Whitby*, 1828.
- BLACK, James, M.D. Medico-topographical, Geological and Statistical sketch of *Bolton*. 8°.
- BOGG, E. Letter on the Geology of *Lincolnshire*. MS.
- BOUÉ, A. Essai Géologique sur *l'Ecosse*. 8° *Paris*.
- BUCKLAND, Very Rev. William, D.D. Order of Superposition of Strata in the *British Islands*.
- CUMBERLAND, G. Letter on the Black Rock at *Bristol*. MS. 1818.
- DARWIN, Charles. On the Parallel Roads of *Glen Roy* and other parts of *Lochaber*. 4° *London*, 1839.
- DE LA BECHE, Sir H. T. Report on the Geology of *Cornwall, Devon* and *West Somerset* [Ordnance Geological Survey]. 8° *London*, 1839.
- DELUC, J. André. Travels in *England*, translated from the French MS.; 3 vols., vols. ii. and iii. 8° *London*, 1810–11.
- ENGLEFIELD, Sir H. C. Description of the Picturesque Beauties, Antiquities and Geological Phænomena of the *Isle of Wight*, with Observations on the Strata by *Thomas Webster* (with vol. of plates); 2 vols. 4° *London*, 1816.
- ENGELHARDT, Moritz von, und K. von RAUMER. Geognostische Umriss von *Gross Britannien*, etc. 4° *Berlin*, 1816.
- FAREY, John. Geological Observations in *Derbyshire*, etc. 8° 1812.
- . Account of the Great *Derbyshire Denudation*. 4° *London*, 1811.
- FAUJAS DE SAINT-FOND, B. Travels in *England, Scotland* and the *Hebrides*, containing Mineralogical Descriptions of *Newcastle, Derbyshire*, the *Cave of Fingal*, etc., translated from the French; 2 vols. 8° *London*, 1799.

24 DESCRIPTIVE GEOLOGY.—BRITISH FORMATIONS. [E.]

- FITCH, Rob. On the Coralline Crag of *Ramsholt* and *Orford*. 8° 1835.
- FITTON, Wm. H., M.D. Geological Sketch of the Vicinity of *Hastings*.
12° *London*, 1833.
- . On the Geological Relations of the Beds between the Chalk
and the Purbeck Limestone in the *South-east of England*.
4° *London*, 1833.
- FORSTER, Westgarth. Treatise on a Section of the Strata from *Newcastle-upon-Tyne*, to the Mountain of *Cross Fell* in *Cumberland*, with Tables
of the Strata in *Yorkshire*, *Derbyshire*, etc. 8° *Alston*, 1821.
- GIESECKE, Sir Charles L. Account of a Mineralogical Excursion to the
County of *Antrim*. 8° *Dublin*, 1829.
- GREEN, Chas. Remarks on the Geology of *Bacton*. 8° *Norwich*, 1842.
- GREENOUGH, G. B., R. PHILLIPS and L. HORNER. Account of the
Fuller's-earth Pits at *Nutfield* near *Ryegate*, *Surrey*. MS.
- GRIFFITH, Rd. Geological and Mining Survey of the *Connaught* Coal
District. 8° *Dublin*, 1818.
- . Outline of the Geology of *Ireland*, with the Geological Map.
fol. *Dublin*, 1838.
- HAILSTONE, Rev. Prof. Two Letters on the Geology of *Cambridge*. MS.
- HARRIS, A. Account of Beds bored through in *Monkwearmouth Pit*
(*Durham*). MS. 1831.
- HENNAH, Richard. Account of the Lime Rocks of *Plymouth*, with Plates
of the Animal Remains found in them. 8° *Plymouth*.
- HIBBERT, Sam., M.D. Description of the *Shetland Islands*, their Geo-
logy, Scenery, Antiquities and Superstitions. 4° *Edinburgh*, 1822.
- . Memoir on the Freshwater Limestone of *Burdiehouse* near
Edinburgh, with Analysis of Coprolites, &c. imbedded in the Limestone,
by *Arthur Connell*. 4° *Edinburgh*, 1835.
- HOGG, John. Natural History of the vicinity of *Stockton-on-Tees* [from
Brewster's History of Stockton]. 8° *Stockton*, 1827.
- HUTTON, William. Notes on the New Red Sandstone of the County of
Durham. 4° *Newcastle*, 1830.
- . On the Stratiform Basalt in the Carboniferous Formation of
the North of England. 4° *Newcastle*, 1832.
- IMRIE, Lieut.-Col. Description and Section of the Strata of the *Grampian*
Mountains, from the Plain of *Kincardineshire* to *Mount Battock*.
4° *Edinburgh*, 1811.
- JAMESON, Robert. Mineralogical Description of the County of *Dum-*
fries. 8° *Edinburgh*, 1805.
- LYELL, Charles. On the Tubular Cavities called "Sand Pipes" in the
Chalk near *Norwich*. 8° 1839.
- . On a Dyke of Serpentine, cutting through Sandstone in the
County of *Forfar*. 8°.
- . On the Relative Ages of the Tertiary Deposits of "Crag" in
Norfolk and *Suffolk*. 8° 1839.
- MACCULLOCH, John, M.D. Description of the *Western Islands of Scot-*
land, their Geological Structure, Agriculture, Scenery and Antiquities
[including the *Isle of Man*]; 2 vols. 8° and 4° *Atlas. London*, 1819.

3.] DESCRIPTIVE GEOLOGY.—BRITISH FORMATIONS. 25

- MACKENZIE, Charles. Outlines of the Mineralogy of the *Ochil Hills*.
8° 1812.
- MACLAREN, Charles. Sketch of the Geology of *Fife* and the *Lothians*,
Figures including Arthur's Seat and the Pentland Hills.
12° *Edinburgh*, 1839.
- MAMMATT, Edward. Collection of Geological Facts and Practical Observations on the *Ashby Coal-field*, in the parish of Ashby-de-la-Zouch (Leicestershire), and the neighbouring district.
4° *Ashby-de-la-Zouch*, 1834.
- MANTELL, Gideon A., LL.D. Illustrations of the Geology of *Sussex*, with Figures and Descriptions of the Fossils of *Tilgate Forest*. 4° *London*, 1827.
- . The Geology of the *South-east of England*. 8° *London*, 1833.
- . Sketch of the Geology of *Surrey* [from Brayley's History of *Surrey*].
4° *Dorking*, 1840.
- . On the Geological Structure of the Country seen from Leith-hill, *Surrey*.
4° *Dorking*, 1845.
- MARTIN, P. T. Geological Memoir on a part of *Western Sussex*, with Observations upon Chalk-basins, the Weald Denudation and Outliers by protrusion.
4° *London*, 1828.
- . Additional Observations on the Anticlinal Line of the London and Hampshire Basins.
4° *London*, 1829.
- MARTIN, William. On the Localities of certain extraneous Fossils found in *Derbyshire*.
8° 1812.
- MIDDLETON, John. Outlines of the Mineral Strata of *Great Britain*.
8° 1812.
- MILNE, David. Geological Survey of *Berwickshire*.
8° 1835.
- . Memoir on the *Mid-Lothian* and *East-Lothian Coal-fields*.
4° *Edinburgh*, 1839.
- MURCHISON, Rod. I. The *Silurian System*, founded on Geological Researches in the counties of *Salop, Hereford, Radnor, Montgomery, Caermarthen, Brecon, Pembroke, Monmouth, Gloucester, Worcester* and *Stafford*, with descriptions of the Coal-fields and overlying Formations. With Map of the Silurian Region of England and Wales; 2 vols.
4° *London*, 1839.
- . Review of, from the *Edinburgh Review*.
8° 1841.
- . The Geology of the neighbourhood of *Cheltenham*.
8° *Cheltenham*, 1834.
- . Outline of the Geology of the Neighbourhood of *Cheltenham*; revised by J. Buckman and H. E. Strickland.
8° *London*, 1845.
- . See also SEDGWICK, Prof.
- NELSON, Lieut. Geological Survey of the Island of *Jersey*. 8°.
- NICOL, Jas. Guide to the Geology of *Scotland*. 12° *Edinburgh*, 1844.
- . On the Geology of *Peeblesshire*.
8° 1845.
- . On the Geology of *Roxburghshire*.
8° 1845.
- PHILLIPS, John. Illustrations of the Geology of *Yorkshire*, or Description of the Strata and Organic Remains of the Yorkshire Coast.
4° *York*, 1829.
- . Illustrations of the Geology of *Yorkshire*, Part II. the Mountain Limestone district.
4° *London*, 1836.

26 DESCRIPTIVE GEOLOGY.—BRITISH FORMATIONS. [E. 3.]

- PHILLIPS, William. Selection of Facts on the Geology of England and Wales. 12° London, 1818.
- PORTLOCK, J. E. Report on the Geology of the County of *Londonderry*, and of parts of *Tyrone* and *Fermanagh* [Ordnance Geological Survey]. 8° Dublin, 1843.
- RAMSAY, And. C. The Geology of the *Island of Arran*, from original survey. 8° Glasgow, 1841.
- RHIND, William. Excursions, illustrative of the Geology and Natural History of the Environs of *Edinburgh*. 12° Edinburgh, 1836.
- RICHARDSON, W., D.D. On the Alterations in the Structure of Rocks in the Basaltic Country in *Derry* and *Antrim*. 4° London, 1808.
- ROBBERDS, J. W. Geological and Historical Observations on the Eastern Valleys of *Norfolk*. 8° Norwich, 1826.
- SEDGWICK, Prof. and R. I. MURCHISON. Classification of the Older Stratified Rocks of *Devonshire* and *Cornwall*. 8° 1839.
- SMITH, William. Memoir to the Map of the Strata of *England* and *Wales*. 4° London, 1815.
- STEPHENS, Walter. Notes on the Mineralogy of the Vicinity of *Dublin*. 8° London, 1812.
- TAYLOR, R. C. On the Geology of *East Norfolk*, with Remarks on Robberds's Hypothesis of the former level of the German Ocean. 8° London, 1827.
- WALLACE, John. Section from the Old Red Sandstone to the Tile-stone Rock. MS. 1842.
- WALFORD, T. On the Mineralogy of *Birdbrook in Essex*. MS. fol. 1811.
- . The Scientific Tourist through England, Wales and Scotland, including the Minerals, Fossils, Rare Plants, etc.; 2 vols. 12° London, 1818.
- WATSON, White. Delineation of the Strata of Derbyshire, from *Bolsover* to *Buxton*, with Description of the Fossils found in these strata. 4° Sheffield, 1811.
- WEAVER, Thomas. On the Older Stratified Rocks of *North Devon*. 8° 1839.
- . On the Freshwater Formations in the *Isle of Wight*. MS. 1813.
- . On the Mineral Structure of the South of *Ireland*, with correlative matter on *Devon* and *Cornwall*, *Belgium*, the *Eifel*, etc. 8° London, 1840.
- WINCH, N. J. Remarks on the Geology of the Banks of the *Tweed*, from *Carham* to *Berwick*. 4° 1830.
- WOODWARD, Samuel. Outline of the Geology of *Norfolk*. 8° Norwich, 1833.
- YOUNG, George, and John BIRD. Geological Survey of the *Yorkshire Coast*, describing the Strata and Fossils between the Humber and the Tees, from the German Ocean to the Plain of York; 2nd ed. 4° Whitby, 1828.

4. DESCRIPTIVE GEOLOGY OF LIMITED DISTRICTS
IN EUROPE GENERALLY.

(Excluding the British Islands.)

BELGIUM:—

- DRAPIEZ, M. Coup-d'Œil Minéralogique et Géologique sur la Province du *Hainault*, Royaume des Pays-Bas. 4° *Brussels*, 1823.
- DUMONT, A. H. Rapport sur les Travaux de la Carte Géologique (de la Belgique) pendant les Années 1838–39, et 1841. 8°.
- . Mémoire sur les Terrains Triassique et Jurassique de la Province de *Luxembourg*. 4°.
- . Constitution Géologique de la *Province de Liège*. 4° *Brussels*, 1832.
- ENGELSPACH-LARIVIÈRE, A. Description Géognostique du *Grand-Duché de Luxembourg*, et Considérations sur ses Richesses Minérales. fol. *Brussels*, 1828.
- FAUJAS DE SAINT-FOND, B. Histoire Naturelle de la Montagne de Saint-Pierre de *Maestricht*. 4° *Paris*, 1799.
- GALEOTTI, H. Mémoire sur la Constitution Géognostique de la Province de *Brabant*. 4°.
- HOMBRES-FIRMAS. Excursion à la Montagne de St. Pierre près de *Maestricht*. 8° 1840.
- MARCEL DE SERRES. Sur la Constitution Géognostique du *département de l'Hérault*. 8° 1827.
- OEYNHAUSEN, Karl v. und H. v. DECHEN. Geognostische Beobachtungen über das Schiefergebirge in den *Niederlanden* und am *Niederrheine*. 8° 1828.
- OMALIUS D'HALLOY, J. J. d'. Coup d'Œil sur la Géologie de la Belgique. 8° *Brussels*, 1842.

FRANCE.

- ARCHIAC, le Vicomte d'. Études sur la Formation Crétacée des versants sud-ouest et nord-ouest du Plateau central de la France; 1^{re} partie. 8° *Paris*, 1843.
- AUFSCHLAGER, Jean F. Description [Géologique, etc.] des deux Départemens du Rhin [*L'Alsace*]; Supplément. 8° *Strasburg*, 1828.
- BASTEROT, M. de. Mémoire Géologique sur les Environs de *Bordeaux* [Bassin tertiaire du sud-ouest de la France]; 1^{re} partie. 4° *Paris*, 1825.
- BECQUEREL. Sur une Couche de Lignite, trouvée à *Auteuil*, renfermant du Succin et des Cristaux analogues au Mellite. 4°. 1819.
- BEAUMONT, L. Elie de. Faits pour servir à l'Histoire des *Montagnes de l'Oisans*. 4° 1829.
- et BONNARD. Rapport sur le Mémoire de M. *Leymerie*, "Sur les terrains secondaires inférieurs du *Rhône*." 4° 1838.

FRANCE.

BEAUMONT, L. Elie de, CORDIER et DUFRÉNOY. Rapport sur un Mémoire de *Jules Itier*, "Sur la formation néocomienne dans le département de l'Ain." 4° 1842.

BOBLAYE, E. Puillon. Sur la Formation Jurassique dans le Nord de la France. 8° 1829.

BOUBÉE, Nérée. Promenade au *Mont Dore* [sur les Cratères de Soulèvement]. 18° 1833.

BOUILLET, J. B. Topographie Minéralogique du Département du *Puy-de-Dôme*, avec un Dictionnaire Oryctognostique et un Tableau des Hauteurs des Montagnes. 8° *Clermont-Ferrand*, 1829.

BRONGNIART, A. Rapport sur "l'Essai sur le bassin de la ville de *Vienne*," de *Constant Prevost*. 4° 1820.

—, Elie de BEAUMONT, et DUFRÉNOY. Rapport sur un Mémoire de *M. Amédée Burat*, "Sur le bassin houiller de *Saône-et-Loire*." 4° 1842.

BURAT, Amédée. Description des Terrains Volcaniques de la *France Centrale*. 8° 1833.

—, Rapport sur son Mémoire sur le bassin houiller de *Saône-et-Loire*.

CAUMONT, M. de. Essai sur la Topographie Géognostique du Département du *Calvados*, avec Atlas. 8° *Caen*, 1828.

CHABRIOL, J. S. Devèze de, et J. B. BOUILLET. Essai Géologique et Minéralogique sur les Environs d'*Issoire* (*Puy-de-Dôme*) et sur la *Montagne de Boulade*, avec description et figures des Ossements Fossiles y recueillis. fol. *Clermont-Ferrand*, 1827.

CHARPENTIER, J. de. Essai sur la Constitution Géognostique des *Pyrénées*. 8° *Paris*, 1823.

—, Essai sur les Glaciers et sur le Terrain erratique du *Bassin du Rhône*. 8° *Lausanne*, 1841.

COLLENGNO, H. de. Sur les Terrains Diluviens des *Pyrénées*. 8° 1843.

—, Essai d'une Classification des Terrains Tertiaires de la *Gironde*. 8° *Bordeaux*, 1843.

CUVIER, G. et Alex. BRONGNIART. Essai sur la Géographie Minéralogique des Environs de *Paris*, avec une carte; 2 vols. 4° *Paris*, 1811.

—, Description Géologique des Environs de *Paris*, nouvelle édition, avec la Description des Terrains Analogues en Allemagne, etc., par *Alex. Brongniart*. 4° *Paris*, 1822.

DAUBENY, Charles, M.D. Letters to Professor Jameson on the Volcanos of *Auvergne*. 8° 1825.

DELUC, J. André. Geological Travels in *France*, etc., translated from the French, MS.; 2 vols. 8° *London*, 1813.

DESMAREST, A. G. fils. Mémoire sur les Couches Naturelles de *Passy*, près *Paris*. 8° 1813.

DESNOYERS, J. Sur la formation Oolitique du nord-ouest de la France, et particulièrement sur une Oolite à *Fougères*. 8° 1825.

—, Sur des Dépôts Marins plus récents que les Terrains Tertiaires du *Bassin de la Seine*. 8° 1828.

4.] DESCRIPTIVE GEOLOGY.—FOREIGN FORMATIONS. 29

FRANCE.

DUFRESNOY. Sur le terrain de *Craie* dans le Sud de la France. 8°.

DUFRESNOY et Elie de BEAUMONT. Explication de la Carte Géologique de la France; tom. 1er. [avec la Carte]. 4° Paris, 1841.

———. Mémoires pour servir à une Description Géologique de la France; 4 vols. 8° Paris, 1830–38.

———. Mémoire sur les Groupes du *Cantal*, du *Mont Dore*, et sur les soulèvemens auxquels ils doivent leur relief actuel.

8° Paris, 1833.

ENGELHARDT, M., und K. von RAUMER. Geognostische Umriss von *Frankreich*, etc. 4° Berlin, 1816.

FAUJAS DE SAINT-FOND. Recherches sur les Volcans éteints du *Vivaraïs* et du *Velay*, avec Discours sur les Volcans brûlans, etc.

fol. Grenoble, 1778.

FORBES, James. On the Geology of *Auvergne* [the Origin of Trap Rocks and the Elevation Theory]. 8° 1836.

FRANCE. Geological Tour in. MS. fol.

GARNIER, F. Mémoire sur les Terrains du *Bas-Boulonnais*, particulièrement sur les Calcaires compactes ou grenus. 4° Boulogne, 1823.

GRATELOUP. Notice sur les Roches de *Tercis*, aux environs de *Dax* (*Landes*). 8° 1833.

GUETTARD ET MONNET. Atlas et Description Minéralogique de la *France*. 4° Paris, 1780.

HERICART, Ferrand (Vicomte). Lettre à G. Cuvier et A. Brongniart sur les terrains entre les rivières d'*Aisne* et d'*Oureq*. 8° Paris, 1821.

ITIER, Jules. Rapport sur son Mémoire sur la formation Néocomienne dans le département de l'*Ain*. 4° 1842.

KLEINSCHROD, C. Th. Geologische Uebersicht eines Theiles der *Auvergne*, besonders *Clermont-Ferrand*. 8° 1828.

LACOSTE, DE PLAISANCE. Lettres Minéralogiques et Géologiques sur les Volcans de l'*Auvergne*. 8° Clermont, 1805.

LE GRAND. Voyage en 1787–88 dans la *Haute et Basse Auvergne* [Départemens de *Mont-Dore*, *Cantal* et la *Haute-Loire*]; 3 vols.

8° Paris, 1794.

LEYMERIE, Alex. Mémoire sur la Partie inférieure du Système Secondaire du département du *Rhône*. 4° 1838.

———. Mémoire sur le Terrain Crétacé du Département de l'*Aube*; deux parties. 4° Paris, 1842.

———. See also BEAUMONT, Elie de.

LYELL, C. et R. I. MURCHISON. Sur les rapports des Dépôts Lacustres Tertiaires du *Cantal* avec les Roches primordiales et volcaniques.

8° 1829.

MARCEL DE SERRES. Notice sur les Cavernes à Ossemens Fossiles des Carrières du Calcaire Grossier, près *Lunel-vieil*. 8° Paris, 1826.

MARRYAT, Capt. Letter on the Geology of the Environs of *Nice*. MS.

ORBIGNY, Charles d'. Mémoire sur diverses Couches de Terrain des environs de *Paris*. 8°.

30 DESCRIPTIVE GEOLOGY.—FOREIGN FORMATIONS. [E.]

FRANCE.

- PREVOST, Constant. *Observations sur les Grès Coquilliers de Beau-champ.* 4° 1822.
- . *Rapport sur son Essai sur le bassin de Vienne.* 4° 1820.
- RAMOND, L. *Observations faites dans les Pyrénées.* 8°. Paris, 1789.
- RAULIN, Victor. *Sur la Disposition des Terrains Tertiaires des Plaines de l'Allier et de la Loire.* 8°.
- . *Notice de la Carte Géognostique du Plateau Tertiaire Parisien.* 8° Paris, 1843.
- RAULIN, Vor. *Géologie de la France, avec Cartes et Coupes Géognostiques.* 12° Paris, 1844.
- ROZET. *Description Géognostique du Bassin du Bas-Boullonnais.* 8° Paris, 1828.
- SIVRY, M. de. *Observations Minéralogiques faites dans une partie des Vosges et de l'Alsace.* 8° Nancy, 1782.
- TAYLOR, T. J. *Report on the Basin of the Lower Loire.* 8° London, 1839.
- VOLTZ. *Notice sur le Bradford-clay de Bouxwiller et de Bavillers.* 4°.
- . *Notice sur le Grès Bigarré de la Grande Carrière de Soultz-les-Bains.* 4°.

GERMANY.

- BEHRENS, H. *Natural History of the Hartz-Forest*, translated by J. Andree. 8° London, 1790.
- BOUÉ, Ami. *Mémoire sur les terrains anciens et secondaires du sud-ouest de l'Allemagne, nord du Danube.* 8° 1824.
- . *Geognostisches Gemälde von Deutschland*, herausgegeben von C. C. von Leonhard. 8° Frankfurt, 1829.
- BUCH, Leopold von. *Geognostische Beobachtungen auf Reisen durch Deutschland und Italien*; 2 vols. 8° Berlin, 1802-9.
- . *Essai d'une Description Minéralogique des Environs de Landeck*, traduit de l'Allemand. 8° Paris, 1805.
- CHARPENTIER, Joh. F. W. *Mineralogische Geographie der Chursächsischen-Länder.* 4° Leipsic, 1778.
- COTTA, Bernhard. *Die Lagerungs-Verhältnisse an der Grenze zwischen Granit und Quader-Sandstein bei Meissen, Hohnstein, etc.* 8° Dresden, 1838.
- DAUBUISSON, J. F. *Account of the Basalts of Saxony, etc.*, translated with notes by P. Neill. 8° Edinburgh, 1814.
- DELUC, J. André. *Geological Travels in Germany, etc.*, translated from the French MS.; 2 vols. 8° London, 1813.
- ENGELHARDT, M., and K. von RAUMER. *Geognostische Umriss von einem Theile Deutschlands, etc.* 4° Berlin, 1816.
- FLURL, Mathias. *Beschreibung der Gebirge von Baiern und der oberen Pfalz.* 8° Munich, 1792.
- FREIESLEBEN, Joh. C. *Beyträge zur mineralogischen Kenntniss von Sachsen*; 2 vols. 8° Freyberg, 1817.
- . *Geognostischer Beytrag zur Kenntniss des Kupferschiefer-*

GERMANY.

- Gebirges, besonders auf einem Theil der Graffschaft *Mannsfeld* und *Thüringens*; 4 vols. 8° *Freyberg*, 1807–15.
- FROMHERZ, Carl. Geognostische Beschreibung des *Schönbergs* bei Freiburg im Breisgau [Programm der Albert-Ludwigs-Universität zu dem Geburts Fest Königs Leopold]. 4° *Freiburg*, 1837.
- GLOCKER, Ernst F. von. Ueber den *Jurakalk* von *Kurowitz* in *Mähren*, und über den darin vorkommenden *Aptychus imbricatus*. 4° *Breislau*, 1841.
- GUMPRECHT, T. E. Beiträge zur geognostischen Kenntniss *Sachsens* und *Böhmens* [Grünsand-Formation auf den Granit und Porphyry, zwischen Meissen und Töplitz—Granitgebirge zu *Nebilau* bei Pilsen, etc.]. 8° *Berlin*, 1835.
- HAUSMANN, Joh. F. L. Uebersicht der jüngeren Flötzgebilde im Flussgebiete der *Weser*. 8° *Göttingen*, 1824.
- . Ueber die Bildung des *Harzgebirges*. 4° *Göttingen*, 1842.
- . Ueber das Vorkommen des Gypses bei *Stadt-Oldendorf*. 8°
- . Geologische Bemerkungen über die Gegend von *Baden* bei *Rastadt*. 4° *Göttingen*, 1844.
- HEIM, J. L. Geologische Beschreibung des *Thüringer-Wald Gebürge*; 3 vols. in 6. 12° *Meiningen*, 1796–1812.
- HELFRECHT, J. T. B. Geographisch-mineralogische Beschreibung des *Fichtelgebirges*; 2 vols. 12° *Hof*, 1799–1800.
- HIBBERT, Samuel, M.D. History of the Extinct Volcanos of the Basin of *Newied* on the *Lower Rhine*. 8° *Edinburgh*, 1832.
- HOFF, K. E. A. von. Höhen-Messungen in und um *Thüringen*, gesammelt, verglichen, und mit Bemerkungen begleitet. 4° *Gotha*, 1833.
- HOFFMANN, Fried. Ueber die geognostischen Verhältnisse des *linken Weserufers* bis zum *Teutoburger Wald*. 8° 1825.
- JORDAN, J. L. Mineralogische Reise in *Hessen, Thüringen, am Rheine*, etc. 12° *Göttingen*, 1803.
- KEFERSTEIN, Ch. *Teutschland*, geognostisch-geologisch dargestellt, mit Charten und Durchschnittszeichnungen, welche einen geognostischen Atlas bilden; 5 vols. in 3. 8° *Weimar*, 1821–28.
- KLIPSTEIN, A. Uebersicht der Ergebnisse einer geognostischen Erforschung des *Odenwaldes*. 4° *Heidelberg*, 1829.
- . Geognostische Bemerkungen auf einer Reise durch *Sachsen* und *Böhmen*. 8° *Darmstadt*, 1830.
- . Geognostische Darstellung des Kupferschiefergebirges der *Wetterau* und des *Spessarts*. 8° *Darmstadt*, 1830.
- LESKE, N. G. Reise durch *Sachsen* in Rücksicht der Naturgeschichte und Oekonomie. 4° *Leipzig*, 1785.
- MANDELSLOH, Comte Fred. de. Mémoire sur la Constitution Géologique de l'*Albe du Wurtemberg*. 4° 1834.
- NOEGGERATH, Jacob. Das Gebirge in *Rheinland-Westphalen*, nach mineralogischem und chemischem Bezuge; 4 vols. 8° *Bonn*, 1822–26.
- OEYNSHAUSEN, Carl von. Geognostische Beschreibung von *Oberschlesien, Polen, Galizien* und *Oestreichisch-Schlesien*. 8° *Essen*, 1822.

GERMANY.

OEYNSHAUSEN, Carl von, H. v. DECHEN und H. v. LA ROCHE. Geognostische Umriss der *Rheinländer zwischen Basel und Mainz*, besonders auf das Vorkommen des Steinsalzes; 2 vols. 8° *Essen*, 1825.

PORTZSCH, C. G. Ueber das Vorkommen des Granits in geschichteten Lagen, besonders in der *Oberlausitz*. 8° *Dresden*, 1803.

PREVOST, Constant. Essai sur le bassin à l'ouverture duquel est située la ville de *Vienne en Autriche*. 4° 1820.

RAUMER, Karl von. Der Granit des *Riesengebirges* und die ihn umgebenden Gebirgs-Familien. 8° *Berlin*, 1813.

———. Das Gebirge *Nieder-Schlesiens, Glatz, Böhmen* und der *Oberlausitz*, geognostisch dargestellt. 8° *Berlin*, 1819.

RIESS, Joh. P. Beobachtungen über einige *hessische Gebirgsgegenden*, herausgegeben mit Anmerkungen von *D. L. G. Karsten*. 8° *Berlin*, 1791.

SARTORIUS, Geo. C. Die Basalte in der Gegend von *Eisenach*. 12° *Eisenach*, 1802.

SCHMIDT, Fried. C. Historisch-mineralogische Beschreibung der Gegend um *Jena*. 12° *Gotha*, 1779.

SCHMIEDER, C. C. Topographische Mineralogie der Gegend um *Halle in Sachsen*. 12° *Halle*, 1797.

STEININGER, Joh. Geognostische Studien am *Mittelrheine*. 8° *Mayence*, 1819.

———. Beiträge zur Geschichte der *rheinischen Vulkane*. 8° *Mayence*, 1821.

———. Gebirgskarte der Länder zwischen dem *Rheine* und der *Maas*. 8° *Mayence*, 1822.

STUEBNER. Geographische, naturhistorische und mineralogische Beschreibung des *Harzgebirges*; 2 vols. 8° *Leipsic*, 1800.

UTTINGER. Geognostische Bereisung der *Alpe Mauritz* und Nachricht des Schwimmsteins (Quarz nectique). 8° 1824.

WYCK, H. J. van der. Uebersicht der *rheinischen und eifeler* erloschenen Vulkanen. 8° *Bonn*, 1826.

VELTHEIM, A. F. von. Ueber die Bildung des Basalts und die vormalige Beschaffenheit der Gebirge in *Deutschland*. 12° *Brunswick*, 1789.

ZEHLE, J. G. Das *Siebengebirge* und seine Umgebungen. 12° *Crefeld*, 1837.

GREECE.

PULLON DE BOBLAYE et Théod. VIRLET. Géologie et Minéralogie de *Morée* [tom. ii. 2^e partie de l'Expédition Scientifique de Morée]; 2 vols. 4° *Paris*, 1833.

VIRLET, Théod. Notes Géologiques sur îles les du nord de la *Grèce* et en particulier sur un terrain de calcaire d'eau douce à lignites. 8° 1833.

HUNGARY.

BEUDANT, F. S. Voyage Minéralogique et Géologique en *Hongrie* pendant 1818; 3 vols. 4° and Atlas of Plates. *Paris*, 1822.

[Tome i. et ii. Relation Historique. Tome iii. Résumé Géologique.]

HUNGARY.

- BORN, Baron Inigo. Travels through the *Bannat of Temeswar, Transylvania and Hungary*, with Ferber's Mineralogical History of *Bohemia*, translated from the German by R. E. Raspe. 8° London, 1777.
- BORN, M. de. Voyage Minéralogique en *Hongrie et en Transilvanie*, traduit par M. Monnet. 12° Paris, 1780.
- ESMARK, Jens. Eine mineralogische Reise durch *Ungarn, Siebenbürgen und das Bannat*. 12° Freyberg, 1798.

ITALY.

- ABICH, H. Ueber die Natur und den Zusammenhang der vulkanischen Bildungen in *Unter und Mittel Italien*. 4° Brunswick, 1841.
- BARRAL's Naturgeschichte von *Corsica*, etc. 8° Frankfort, 1789.
- BORCH, Comte de. *Lythologie Sicilienne*, suivie d'un Discours sur la Calcaire de *Palerme*. 4° Rome, 1778.
- BREISLAK, Scipione. Descrizione geologica della Provincia di *Milano*. 8° Milan, 1822.
- . Reise durch den *Kirchen-Staat*, etc. 8° Frankfort, 1789.
- BROCCHI, G. Lettera sopra alcuni Ammassi Colonnari Basaltini di *Viterbo*. 8° 1816.
- . Catalogo Ragionato di una Raccolta di Rocce, per servire alla Geognosia dell' *Italia*. 8° Milan, 1817.
- BRONGNIART, Alex. Mémoire sur les Terrains de Sédiment supérieurs Calcareo-Trappéens du *Vicentin*. 4° Paris, 1823.
- . Sur le Gisement des Ophiolites, Euphotides, Jaspes, etc. dans les *Apennins*. 8° Paris, 1821.
- BRONN, Hein. G. *Italiens Tertiär-Gebilde und deren organische Einschlüsse*. 8° Heidelberg, 1831.
- BUCH, Baron Leopold von. Geognostische Beobachtungen auf Reisen durch Deutschland und *Italien*; 2 vols. 8° Berlin, 1802–09.
- . Carte Géologique du Terrain entre le *Lac d'Orta* et celui de *Lugano*. 4°.
- CATULLO, Tommaso A. Trattato sopra la Costituzione dei Terreni Alluviali o Postdiluviani delle *Provincie Venete*. 8° Padua, 1838.
- . Memoria sulle Caverne delle *Provincie Venete*. 4° Venice, 1844.
- CATULLO, C. V. Nota sopra alcuni fatti attinenti alla Geognosia delle *Alpi Venete*. 8° Milan, 1842.
- CERMELLI, Pier-Maria. Carte e Memorie delle Pietre, le Miniere, ed i Fossili, delle Provincie del *Patrimonio, Sabina, Lazio, Marittima, Campagna* e dell' *Agro Romano*. fol. Naples, 1782.
- CORTESE, Guis. Saggi Geologici degli Stati di *Parma e Piacenza*. 4° 1819.
- DAUBENY, Chas., M.D. Sketch of the Geology of *Sicily*. 8° 1825.
- DOLOMIEU. Oryktologie von *Calabrien*, etc. 8° Frankfort, 1789.
- ENGELHARDT, M., und K. von RAUMER. Geognostische Umrisse von einem Theile *Italiens*, etc. 4° Berlin, 1816.
- FERBER, J. J. Travels through *Italy* [on its Mountains and Volcanos], translated by R. E. Raspe. 8° London, 1776.

ITALY.

FORTIS, Albert. Mémoires sur l'Oryctographie, etc. de l'Italie; 2 vols.
8° Paris, 1802.

GEMMELLARO, Carlo. Descrizione geognostica della Costa meridionale
del Valle di *Messina*. 4° 1834.

GUSSONE e TENORE, Signori. Osservazioni Geognostiche sopra le
Province di *Terra di Lavoro* e di *Abruzzo*. 4°.

HAUSMANN, Jo. F. L. Commentatio de *Apenninorum* Constitutione
Geognostica. 4° Göttingen, 1823.

HOGG, John. Catalogue of Sicilian Plants, with Remarks on the Geo-
graphy, Geology and Vegetation of *Sicily*. 8° London, 1842.

KRANZ. Geognostische Beschreibung der Insel *Elba*. 8° 1841.

MARASCHINI, Pietro. Observations Géognostiques sur quelques loca-
lités du *Vicentin*. 4° 1822.

———. Saggio Geologico sulle Formazioni delle Rocce del *Vicen-
tino*. 8° Padova, 1824.

MARMORA, Chev. Albert de la. Mémoire Géologique sur l'Isle de
Sardaigne, avec Note de M. Cordier. 4°.

MASSA, John. On the *Ligurian* Mountains. MS.

MOJON, Gius. Descrizione Mineralogica della *Liguria*.
12° Genoa, 1805.

PILLA, Leop. Osservazioni Geognostiche sulla *Campania*. 4°.

SAVI, Paolo. Sopra una *Caverna ossifera* stata scoperta in Italia. 8°.

———. Osservazioni Geognostiche sul *Campighese*, Due Lettere.
8° Pisa, 1829.

———. Catalogo ragionato delle Rocce più caratteristiche della
formazione del Macigno della *Toscana*. 8° Pisa, 1830.

———. Osservazioni sui Terreni Antichi *Toscani*. 8°.

———. Studi Geologici sulla *Toscana*. 8° Pisa, 1833.

———. Sul Mischio di Serravezza, Roccia dei traboccamenti dolo-
mitici della *Toscana*. 8° 1830.

SCHUETTEUS, Jo. H. Descriptio Fossilium et Mineralium in *Agro Je-
nensi*, adnotationibus Chr. V. Merckelii. 12° Jena, 1761.

SISMONDA, Angelo. Osservazioni sopra i *Monti Posti* tra la Valle di
Aosta e quella di *Susa*, in *Piemonte*. 4° Turin, 1838.

———. Osservazioni Geologiche sulle *Alpi marittime* e sugli *Apen-
nini Liguri*. 4° 1841.

———. Osservazioni sui Terreni delle Formazioni Terziaria e Cre-
tacea in *Piemonte*. 4° Turin, 1842.

———. Osservazioni per servire alla Carta Geologica del *Pie-
monte*. 4°.

———. Osservazioni Geognostiche intorno ad alcune Valli delle
Alpi del Piemonte. 4°.

———. Memoria sui Terreni Stratificati delle *Alpi*. 4°.

SOLDANI, Ambrogio. Saggio Orittografico, ovvero Osservazioni sopra
le Terre Nautilitiche ed Ammonitiche della *Toscana*. 4° Sienna, 1780.

ITALY.

TCHIHATCHEFF, Pierre de. Coup d'Œil sur la Constitution Géologique des Provinces Méridionales du Royaume de *Naples*, avec quelques Notions sur *Nice*. 8° *Berlin*, 1842.

TENORE, Signor. See GUSSONE.

TOZZETTI, Jean T. Voyage Minéralogique, etc. en *Toscane*; 2 vols. 8° *Paris*, 1792.

VIVIANI, D. Voyage [Géologique, etc.], dans les Apennins de la ci-devant *Ligurie*. 4° *Geneva*, 1807.

ZIGNO, Achille de. Memoria sulla Giacitura dei Terreni di Sedimento del *Trivigiano*. 8° *Padua*, 1841.

POLAND.

BECKER, Wm. G. E. Ueber die Flötzgebirge im südlichen *Polen*, besonders in Hinsicht auf Steinsalz und Soole. 8° *Freyberg*, 1830.

BLOEDE, Gottlob. Ueber die Uebergang-Gebirgsformation im *Königreich Polen*. 8° *Breslau*, 1830.

ZEISZNERA, Ludwika. O Formacyi Jura nad *Brzegami Wisly*. 8° *Cracovia*, 1841.

———. O Powstaniu skal Metamorficznych w *Okolicy Doboszyny*. 8° *Warsaw*, 1842.

RUSSIA.

EICHWALD, Edouard. Sur le Système Silurien de l'*Estonie*. 8° *St. Petersburg*, 1840.

———. Die Urwelt *Russlands*, durch Abbildungen erläutert. First part. 8° *St. Petersburg*, 1840.

ENGELSPACH-LARIVIÈRE, A. Essai Géognostique sur les Environs de *Saint-Petersbourg*. 8° *Brussels*, 1825.

FISCHER, J. B. Zusätze zu seiner Naturgeschichte von *Livland*, nebst J. J. Ferber's Anmerkungen zur physischen Erdbeschreibung von *Kurland*. 8° *Riga*, 1784.

FISCHER DE WALDHEIM, G. Oryctographie du Gouvernement de *Moscou* [avec XV. Planches d'Histoire Naturelle]. fol. *Moscow*, 1830.

HELMERSEN, G. v. Ueber de Beschaffenheit des *Ust-Urt*, etc. 8° 1844.

HERMANN, B. Fr. J. Versuch einer mineralogischen Beschreibung des *Uralischen Erzgebirges*; 2 vols. 8° *Berlin*, 1789.

HOFMANN, E., und G. v. HELMERSEN. Untersuchung des *Süd-Ural-Gebirges*. 8° *Berlin*, 1831.

MURCHISON, Rod. I. First Sketch of some of the Results of a second Geological Survey of *Russia*. 8° 1841.

——— and E. DE VERNEUIL. On the Geological Structure of the Northern and Central Regions of *Russia in Europe*. 8° *London*, 1841.

———, ———, and the COUNT KEYSERLING. The Geology of *Russia* and the *Ural Mountains*; 2 vols. Vol. I. Geology: vol. II. (in French) Palæontologie. 4° *London*, 1845.

PANDER, Chr. H. Beiträge zur Geognosie des *Russischen Reiches*. 4° *St. Petersburg*, 1830.

Petersburg, St. Strata des Environs de, en ordre de position géologique. 1819.

RUSSIA.

- RAZOUKOWSKY, Comte G. de. Coup d'œil Géognostique sur le Nord de l'Europe, particulièrement de la *Russie*. 8° *St. Petersburg*, 1816.
- WANGENHEIM VON QUALEN, F. Geognostische Beiträge zur Kenntniss der Gebirgs-Formationen des *westlichen Urals* [mit Nachtrag von *Fischer von Waldheim*]. 8°.

SCANDINAVIA.

- AKRELL, Carl. Underrättelser till Kartan öfver *Sverige*. 4° *Stockholm*, 1811.
- BEAUMONT, Elie de. Rapport sur un Mémoire de *M. A. Bravais* relatif aux Lignes d'Ancien Niveau de la Mer dans le *Finmark*. 4°. 1842.
- BRAVAIS, A. Mémoire sur les lignes d'Ancien Niveau de la Mer dans le *Finmark*. 8°. *Paris*, 1844.
- BRONGNIART, Alex. Notice sur des Blocs de Roches des Terrains de Transport en *Suède*. 8° 1828.
- BRONGNIART et ELIE DE BEAUMONT. Rapport sur un Mémoire de *M. Durocher* "Sur le Phénomène Diluvien dans le *Nord de l'Europe*." 4° 1842.
- DECHEN GUTACHTEN, Dr. von. Ueber das erste Heft der '*Gæa Norvegica*' mit Anmerkungen von *B. M. Keilhau*. 8° *Christiania*, 1840.
- DELUC, J. André. Travels in the *North of Europe*, etc., translated from the French MS.; 3 vols. (vol. i.) 8° *London*, 1810-11.
- ENGELHARDT, Moritz von. Darstellungen aus dem Felsgebäude *Russlands*. First part: Umriss von *Finland*. fol. *Berlin*, 1820.
- EVEREST, Robt. Journey through *Norway, Lapland* and part of *Sweden*, with Remarks on the Geology of the Country, etc. 8° *London*, 1829.
- FORCHHAMMER, G. Om de *Bornholmske* Kulformationes. 4°.
- . Om de geognostiske Forhold i en deel af *Sjælland* og *Næboeøerne*. 4° *Copenhagen*, 1825.
- . *Danmarks* geognostiske Forhold. 4° *Copenhagen*, 1835.
- HISINGER, W. af. Samling till en Mineralogisk Geografi öfver *Sverige*. 8° *Stockholm*, 1808.
- LYELL, Charles. On the Cretaceous and Tertiary Strata of the Danish Islands of *Seeland* and *Möen*. 4° 1835.
- NAUMANN, Carl F. Beyträge zur [geologischen] Kenntniss *Norwegens*; 2 vols. 12° *Leipsic*, 1824.
- NORDENSKIÖLD, Nils. Bidrag till närmare kännedom af *Finlands* Mineralier och Geognosie första häftet. 8° *Stockholm*, 1820.
- SEFSTRÖM, N. G. An Investigation of the Furrows which traverse the Scandinavian Mountains [translated by *S. H. Thomas*]. 8° 1838.
- SOLLY. On some Geological specimens from *Finbo*. MS.
- VOIGT, Joh. C. W. Mineralogische Beschreibung des *Hochstifts Fuld*. 8° *Leipsic*, 1783.
- WAHLENBERG, G. Resan till Folden i *Nordland, Lappska, Sulitelma*, etc. 4° 1807.

4.] DESCRIPTIVE GEOLOGY.—FOREIGN FORMATIONS. 37

SPAIN and the BALEARIC ISLANDS.

- BEAUMONT, Elie de. Note sur la Constitution Géologique des *Iles Baléares*. 8° 1827.
- CORDIER, Louis. Mémoire sur la Montagne de Sel Gemme de *Cardonne* en Espagne. 4° 1816.
- DUFRENOY. Sur la nature et la position des Calcaires Amygdalins [*des Pyrénées*]. 8°.
- . Mémoire sur la Relation des *Ophites*, des *Gypses* et des Sources salées des *Pyrénées*. 8°.
- . Sur le terrain de Craie des *Pyrénées* Espagnoles. 8°.
- HAUSMANN, Jo. F. L. De *Hispania* Constitutione Geognostica. 4° *Gottingen*, 1831.
- . Ueber das Gebirgssystem der *Sierra Nevada* und das Gebirge von *Jaen* im südlichen Spanien. 4° *Gottingen*, 1842.
- LA MARMORA, Chev. Albert de. Observations Géologiques sur les deux *Iles baléares Majorque* et *Minorque*. 4° *Turin*, 1834.
- SCHULZ, Guill. Reseña Geognostica de la Provincia de *Asturias*. 12° *Madrid*, 1838.
- . Descripcion Geognostica del Reino de *Galicia*. 8° *Madrid*, 1835.
- SILVERTOP, Charles. On the Lacustrine Basins of *Baza* and *Alhama*, in the Province of *Granada*. 8° 1831.
- . Sketch of the Tertiary Formation in the Provinces of *Granada* and *Murcia*, Spain. 8° *London*, 1836.

SWITZERLAND.

- ANDREA. Geologische Briefe aus der *Schweiz*, nach Hannover geschrieben in 1763. 4° *Zurich*, 1776.
- BERGER, J. F. On the Physical Constitution of the Passage of *Mount St. Gothard*. MS. 1817.
- BOUÉ, Ami. Observations sur l'age relatif des Dépôts Secondaires dans les *Alpes* et les *Carpathes*. 8° 1830.
- DELUC, J. A. Mémoire sur les Rochers Calcaires innombrables dans les Environs de *La Roche* [près Genève] et sur les Blocs de Granit qui les accompagnent. 4° 1837.
- . Geological Travels in *France*, *Switzerland* and *Germany*, translated from the French MS.; 2 vols. 8° *London*, 1813.
- ESCHER, A., und B. STUDER. Geologie von *Mittel-Bündten*. 4°.
- FAVRE, Alphonse. Remarques sur les *Anthraxes* des *Alpes*. 4° 1841.
- . Considérations sur le *Mont Salève* et sur les Terrains de Genève. 4° *Geneva*, 1843.
- GODEFFROY, Ch. Notice sur les Glaciers, les Moraines et les Blocs erratiques des *Alpes*. 8° *Paris*, 1840.
- GROUNER, A. S. Histoire Naturelle de la *Suisse* dans l'Ancien Monde. 12° *Neuchâtel*, 1776.
- LARDY, Ch. Essai sur la Constitution Géognostique du *St. Gothard*. 4° 1832.
- NECKER, L. A. Mémoire sur la Vallée de *Valorsine*. 4° *Geneva*, 1828.

SWITZERLAND.

- PINI, Ermenegildo. Memoria Mineralogica sulla Montagna e sui contorni di *S. Gottardo*. 8° *Milan*, 1783.
- RAZOUNOWSKY, Comte G. de. Voyages Minéralogiques dans le Gouvernement d'*Aigle* (Berne) et le *Vallais*. 8° *Lausanne*, 1784.
- SCHEUCHZER, Joh. J. Natur-Historie des *Schweizerlandes* [Steinen, Metallen und Mineralien in vol. iii.]; 3 vols in 1. 4° *Zurich*, 1752.
- STUDER, B. Geologie der *westlichen Schweizer-Alpen*. 8° *Heidelberg*, 1834.
- . Die Gebirgsmasse von *Davos*. 4° 1836.
- . Aperçu de la Structure Géologique des *Alpes*, avec des observations par *E. Desor*. 8° 1842.
- THURMANN, J. Essai sur les Soulèvements Jurassiques. 2nd Cahier: Carte et Description des Soulèvements du *Jura Bernois*. 4° *Porrentruy*, 1836.
- WILD, Sam. Sur la Montagne salifère du Gouvernement d'*Aigle*, Canton de Berne. 8° *Geneva*, 1788.

TYROL.

- BREISLAK, Scipione. Memoria sulla Giacitura di alcune *Rocce porphyritiche e granitose*, osservate nel *Tirol* dal *Sig. Conte Marzari-Pencati*. 8° *Milan*, 1821.
- BUCH, Léop. de. Lettre à Humboldt, renfermant le Tableau Géologique du *Tyrol Méridional* [avec Lettre sur la Dolomie du Tyrol]. fol. 1822.
- . Ueber den Dolomit in *Tirol*. 8°.
- MÜNSTER, Georg Graf zu, und Dr. WISSMANN. Beiträge zur Geognosie und Petrefacten-Kunde des *südöstlichen Tirols* vorzüglich der Schichten von *St. Cassian*. 4° *Bayreuth*, 1841.
- MURCHISON, Rod. I. On the Tertiary and Secondary Rocks of the *Tyrolese Alps*, near *Bassano*. 8° 1829.
- . On the Bituminous Schist and Fossil Fish of *Seefeld* in the Tyrol. 8° 1829.
- SEDGWICK, A., and Rod. I. MURCHISON. Sketch of the Structure of the *Austrian Alps*, etc. 8° 1830.
- SENGER, Wm. E. von. Versuch einer Oryctographie der gefürsteten Grafschaft *Tirol*. 8° *Innsbruck*, 1821.

TURKEY IN EUROPE.

- BOUÉ, Ami. *La Turquie d'Europe*, ou Observations sur la Géographie, la Géologie, l'Histoire Naturelle, les Mœurs, la Commerce, l'Histoire, etc. de cet Empire; 4 vols. 8° *Paris*, 1840.
- . Esquisse Géologique de *la Turquie d'Europe*. 8° *Paris*, 1840.

5. DESCRIPTIVE GEOLOGY OF AFRICA AND ASIA, THE ISLANDS
ADJACENT, AUSTRALIA, AND THE ISLANDS OF THE EASTERN
ARCHIPELAGO, THE INDIAN OCEAN AND THE SOUTH SEAS.

AINSWORTH, William. [Geological] Researches in *Assyria, Babylonia*
and *Chaldea* 8° London, 1838.

BENZA, P. M., M.D. Geological Sketch of the *Neilgherries*. 8° 1835.

———. Notes on the Geology of the Country between *Madras* and
the *Neilgherry Hills*, via *Bangalore* and via *Saim*. 8°.

———. Geological Notes of a Journey through the *Northern Circars*
in 1835. 8°.

———. Memoir on the Geology of the *Neilgherry* and *Koondah*
Mountains. 8°.

BUCH, Leop. von. *Physicalische Beschreibung der Canarischen Inseln*.
4° Berlin, 1825.

———. *Description Physique des Iles Canaries*, suivie d'une Indi-
cation des principaux Volcans du Globe, traduite par C. Boulanger.
8° Paris, 1836.

CALDER, Jas. General Observations on the Geology of *India*.
8° London, 1839.

COLE, Robert. On the Geological position and association of the *Late-
rite* or Iron-clay formation of *India*. 8°.

DARWIN, Charles. Geological Observations on the Volcanic Islands
visited during the Voyage of the *Beagle*, with Notices of the Geology
of *Australia* and the *Cape of Good Hope*. 8° London, 1844.

FITTON, W. H. Account of some Geological Specimens from the
Coasts of *Australia*. 8° London, 1826.

HALL, Capt. Basil. Account of the Structure of the *Table Mountain*
and other parts of the *Cape [of Good Hope]*. 4°.

HAMILTON, W. J. Researches in *Asia Minor, Pontus* and *Armenia*,
with some Account of their Antiquities and Geology; 2 vols.
8° London, 1842.

HELMERSEN, G. von. Ueber die Beschaffenheit des Ust-Urt und ins-
besondere dessen Oestlichen Abfalles zum Aral-See. 8° 1844.

HERBERT, J. D. Report of the Mineralogical Survey of the *Himma-
laya Mountains* between the Rivers *Sutlej* and *Kalee*. 8° 1842.

HUMBOLDT, Baron A. de. *Fragmens de Géologie et de Climatologie*
Asiatiques; 2 vols. 8° Paris, 1831.

McCLELLAND, John. Inquiries in the Province of *Kemaon* relative to
Geology and other branches of Natural Science. 8° *Calcutta*, 1835.

NEUBOLD, T. J. Notes, principally Geological, on the Tract between
Bellary and *Bijapore*; two parts. 8°.

———. On some Ancient Mounds of Scorious Ashes in *Southern*
India. 8°.

40 DESCRIPTIVE GEOLOGY.—FOREIGN FORMATIONS. [E.]

- OUCHTERLONY, Lieut. Mineralogical Report on the Districts of *Nel-lore, Cuddapah* and *Guntoor*. 8° *Madras*, 1841.
- RENOVANTZ, H. M. Mineralogisch-geographische Nachrichten von den *Altäischen Gebürgen* Russisch Kayserlichen Antheils. 4° *Reval*, 1788.
- RIGG, Jonathan. Sketch of the Geology of *Jasinga*. 8° *Batavia*, 1838.
- ROZIÈRE. Description Minéralogique de la Vallée de *Qosséyr*. 8° 1800.
- SHUTER. On the Geology of the Island of *Madeira*. MS.
- TCHIHATCHEFF, P. de. "Mémoire sur la Constitution Géologique de l'*Altai*." Rapport sur, par *MM. Brongniart, Dufrénoy* et *Elie de Beaumont*. 4° 1845.
- WEBSTER, John W., M.D. Description of the Island of *St. Michael*, comprising its Geological Structure, with remarks on the other *Azores*. 8° *Boston, U.S.*, 1821.

6. DESCRIPTIVE GEOLOGY OF AMERICA AND THE WEST INDIES.

AMERICA (NORTH).

- AKERLY, Samuel. Essay on the Geology of the *Hudson River*. 12° *New York*, 1820.
- ANGLION, J. On the Geology of *North America*. MS.
- CASTELNAU, F. de. Essai sur le Système Silurien de l'*Amérique Septentrionale*. 4° *Paris*, 1843.
- . Rapport sur son "Mémoire relatif au Système Silurien de l'*Amérique Septentrionale*," par *Elie de Beaumont*, etc. 4° 1843.
- COZZENS, Issachar. Geological History of *Manhattan*, or *New York Island*. 8° *New York*, 1843.
- DAUBENY, Charles, M.D. Sketch of the Geology of *North America*. 8° *Oxford*, 1839.
- EATON, Amos. Index to the Geology of the *Northern States*. 8° *Leicester, U.S.*, 1818.
- . Geological and Agricultural Survey of the *Erie Canal District*; part 1. 8° *Albany*, 1824.
- . Geological text-book for aiding the study of *North American Geology*. 8° *Albany*, 1832.
- EMMONS, Ebenezer. The Taconic System, based on observations in *New York, Massachusetts, Maine, Vermont* and *Rhode Island*. 4° *Albany*, 1844.
- FEATHERSTONHAUGH, G. W. Geological Report on the Elevated Country between the *Missouri* and *Red Rivers*. 8° *Washington*, 1835.
- FINCH, J. Travels in the *United States of America* and *Canada*, with Notices of their Geology and Mineralogy. 8° *London*, 1833.
- FITTON, W. H., M.D. Geological Notice of the Country passed over by Capt. Back. 8°.

6.] DESCRIPTIVE GEOLOGY.—FOREIGN FORMATIONS. 41

AMERICA (NORTH).

GESNER, Abraham. Remarks on the Geology and Mineralogy of *Nova Scotia*. 8° *Halifax*, 1836.

———. First Report on the Geological Survey of the Province of *New Brunswick*. 8° *Saint John's*, 1839.

GODON, S. Mineralogical observations made in the Environs of *Boston* [U.S.] in 1807–8. 4°.

HALL, James. Notes upon the Geology of the *Western States*.

8° 1841.

———. Geology of *New York*. Part IV. comprising the Survey of the Fourth Geological District. 4° *Albany*, 1843.

HITCHCOCK, Edward. Report on the Geology, Mineralogy, Botany and Zoology of *Massachusetts*. 8° *Amherst*, 1833.

———. Second Edition. 8° *Amherst*, 1835.

———. Plates illustrating the Geology and Scenery of *Massachusetts*. 4° 1834.

———. Final Report on the Geology of *Massachusetts*, with Catalogue of the specimens in the State Collection; 2 vols.

4° *Amherst*, 1841.

JACKSON, Charles T. Reports on the Geology of the State of *Maine*; 3 parts, and 4to Atlas of Plates. 8° *Augusta*, 1837–39.

———. Second Report on the Geology of the Public Lands of *Maine* and *Massachusetts*. 8° *Augusta*, 1838.

———. Report on the Geological and Agricultural Survey of the State of *Rhode Island*. 8° *Providence*, 1840.

———. First Annual Report on the Geology of the State of *New Hampshire*. 8° *Concord*, 1841.

———. Final Report on the Geology and Mineralogy of *New Hampshire*, with contributions towards the Improvement of Agriculture and Metallurgy. 4° *Concord, N. H.* 1844.

JACKSON, Charles T., and F. ALGER. On the Mineralogy and Geology of *Nova Scotia*. 4° *Cambridge, U.S.*, 1832.

JUKES, J. B. Report on the Geology of *Newfoundland*. fol. 1839.

———. General Report of the Geological Survey of *Newfoundland*. 8° *London*, 1843.

LEA, Isaac. Notice of the Oolitic Formation in America. 4° 1840.

LYELL, C. Travels in *North America*; 2 vols. 8° *London*, 1845.

MACLURE, William. On the Geology of the *United States of America*. 8° *Philadelphia*, 1817.

———. Observations on the Geology of the *United States of America*, and on the Effects of the Decomposition of Rocks.

8° *Philadelphia*, 1817.

———. Suite des Observations sur la Géologie des *Etats-unis*. 4°.

MATHER, Wm. W. Sketch of the Geology and Mineralogy of *New London* and *Windham* Counties in *Connecticut*.

8° *Norwich, U.S.*, 1834.

———. Second Annual Report on the Geological Survey of the *State of Ohio*. 8° *Columbus*, 1838.

42 DESCRIPTIVE GEOLOGY.—FOREIGN FORMATIONS. [E.]

AMERICA (NORTH).

MEADE, Richard. Extracts of Letters [on the Geology of America]. MS. 1810.

MORTON, Samuel G., M.D. On the Geology and Organic Remains of the *Atlantic Frontier of the United States*. 8° *Philadelphia*, 1829.

———. Additional Observations on the Geology and Organic Remains of *New Jersey* and *Delaware*. 8° 1830.

New York. Annual Reports on the Geological Survey of ; 4 vols. 8° *Albany*, 1837–40.

PERCIVAL, James G. Report on the Geology of the State of *Connecticut*. 8° *New Haven*, 1842.

RENSSELAER, Stephen van. Geological and Agricultural Survey of the District adjoining the *Erie Canal*, in the State of *New York*. Part I. Rock Formations. 8° *Albany*, 1824.

ROGERS, H. D. On the *Falls of Niagara*, and the reasonings of some Authors respecting them. 8°

———. First Annual Report of the Geology of *Pennsylvania*. 8° *Harrisburg*, 1836.

———. Annual Reports on the Geological Survey of the State of *Pennsylvania* ; 5 parts. 8° *Harrisburg*, 1837–41.

———. Report on the Geological Survey of the State of *New Jersey*. 8° *Philadelphia*, 1836.

———. Description of the Geology of the State of *New Jersey* [Final Report]. 8° *Philadelphia*, 1840.

———. Remarks on his Report to the British Association [On the Geology of North America.] By Amphibole. 8° *Philadelphia*, 1835.

ROGERS, H. D. and W. B. Contributions to the Geology of the Tertiary Formations of *Virginia*. 4° 1835.

ROGERS, William B. Report of the Geological Reconnaissance of the State of *Virginia*. 8° *Philadelphia*, 1836.

———. Report on the Progress of the Geological Survey of the State of *Virginia*, for 1840. 8° *Richmond*, 1841.

———. Contributions to the Geology of the Tertiary Formations of *Virginia*. 4° 1835.

SHEPARD, Charles A. Report on the Geological Survey of *Connecticut*. 8° *New Haven*, 1837.

TAYLOR, Richard C. Two Reports on the Dauphin and Susquehanna Coal Company, and on the Geological examinations, etc. of the Stony Creek Coal Estate. 8° *Philadelphia*, 1840.

———. Notice of a Model of the *Schuylkill* or southern Coal Field of *Pennsylvania*. 8° 1841.

AMERICA (SOUTH).

BURKART, Jos. Aufenthalt und Reisen in *Mexico*, mit Beobachtungen aus der Mineralogie, Geognosie, etc. ; vol. ii. only. 8° *Stuttgart*, 1836.

DARWIN, Chas., Naturalist to the *Beagle*. Journal and Remarks, 1832–36 [Voyages of the ships *Adventure* and *Beagle* on the Southern Shores of *South America*, vol. iii.]. 8° *London*, 1839.

AMERICA (SOUTH).

ESCHWEGE, W. L. von. Beiträge zur Gebirgskunde *Brasilien*.

———. Geognostisches Gemälde von *Brasilien*, und wahrscheinliches Muttergestein der Diamanten. 8° *Weimar*, 1822.

GALEOTTI, H. Notice Géologique sur les Environs de *San José del Oro*, au *Mexique*. 8°.

GEROLT, F. de y C. de BERGHES. Carta Geognostica de los principales distritos minerales del Estado de *Mexico*. 4° *Dusseldorf*, 1827.

L'HERMINIER, F. Essai Géologique sur l'Etat primitif des *Antilles*. MS. fol.

ORBIGNY, Alcide d'. Voyage dans l'Amérique Méridionale; *Brésil, Uruguay, Argentine, Patagonie, Chili, Bolivie* et *Pérou*, pendant les années 1826–33 [Géologie et Paléontologie]. 4° *Paris*, 1842.

———. Rapport sur son "Mémoire: Considérations sur la Géologie de l'Amérique Méridionale," par *Elie de Beaumont*, etc. 4° 1843.

RIVERO, M. E. de. Jeolojia de *Chile* [en el *Mercurio de Valparaiso*]. 1836.

7. GENERAL WORKS ON DESCRIPTIVE GEOLOGY.

- ANSTED, D. T. *Geology, Introductory, Descriptive and Practical*; 2 vols. 8° *London*, 1844.
- . *The Geologist's Text-Book*. 12° *London*, 1845.
- ARCHIAC, le Vicomte d'. *Discours sur l'Ensemble des Phénomènes de la Surface du Globe, depuis son origine*. 4° *Paris*, 1840.
- . *Instructions pour l'Exploration Géologique de l'Algérie*. 4° *Paris*, 1838.
- . *Instructions pour les Géologues de l'Expédition au Nord de l'Europe*. 4° *Paris*, 1838.
- BAKEWELL, Robert. *Introduction to Geology, with an outline of the Geology and Mineral Geography of England*. 8° *London*, 1813.
- BERTRAND, E. *Recueil de divers Traités sur l'Histoire Naturelle de la Terre et des Fossiles*. 4° *Avignon*, 1766.
- , P. *Nouveaux Principes de Géologie, comparés et opposés à ceux des Philosophes anciens et modernes, notamment de J. C. Lamétherie*. 8° *Paris*, 1797.
- BEUDANT, F. S. *Cours Élémentaire d'Histoire Naturelle: Géologie*. 12° *Paris*, 1845.
- BOASE, H. S., M.D. *Treatise on Primary Geology, being an examination of the Older Formations*. 8° *London*, 1834.
- BOUÉ, Ami. *Mémoires Géologiques et Paléontologiques*. Vol. i. [All published.] 8° *Paris*, 1832.
- . *Guide du Géologue Voyageur*; 2 vols. 12° *Paris*, 1835.
- BRANDE, W. T. *Outlines of Geology*. 8° *London*, 1817.
- BRAYLEY, E. W., Jun. *On the probable connection of Rock Basins with the Spheroidal Structure of Granite, etc.* 8° *London*, 1830.
- BREDE, F. Julius. *Beschaffenheit der Erde*. 8° *Altona*, 1837.
- BREISLAK, Scipione. *Introduzione alla Geologia*; 2 vols. 8° *Milan*, 1811.
- . *Introduction à la Géologie, traduite de l'Italien, par J. J. B. Bernard*. 8° *Paris*, 1812.
- . *Institutions Géologiques, traduites du manuscrit Italien, par P. J. L. Campmas*; 3 vols. and Atlas of Plates. 8° *Milan*, 1818.
- BRONGNIART, Alex. *Tableau des Terrains qui composent l'Ecorce du Globe, ou Essai sur la Structure de la Partie connue de la Terre*. 8° *Paris*, 1829.
- . *Sur les Caractères Zoologiques des Formations*. 4° *Paris*, 1822.
- CHARPENTIER, Joh. F. W. von. *Beobachtungen über die Lagerstätte der Erze, hauptsächlich aus den sächsischen Gebirgen*. 4° *Leipsic*, 1799.

CHAUBARD, L. A. *Elémens de Géologie, offrant la concordance des Faits Géologiques avec les Faits Historiques de la Bible, des Traditions Egyptiennes et des Fables de la Grèce.* 8° *Paris*, 1833.

CHEVALIER, E. *La Géologie et Minéralogie du Voyage autour du Monde, pendant 1836–37, de la Corvette "La Bonite," commandée par M. Vaillant.* 8° *Paris*, 1844.

DANA, James D. *On the analogies between the Modern Igneous Rocks and the Primary Formations, on the Distribution of Corals, and on the Areas of Subsidence in the Pacific as indicated by the Coral Islands.* 8° 1843.

DARWIN, Charles. *The Structure and Distribution of Coral Reefs, being the first Part of the Geology of the Voyage of the Beagle.* 8° *London*, 1842.

———. ——. *Review of [from the Scotsman, 1842].* 18°.

DAUBENY, Charles, M.D. *Description of Active and Extinct Volcanos, with remarks on their Origin, Chemical Phænomena, and the Character of their Products.* 8° *London*, 1826.

———. *On the Diluvial Theory, and on the Origin of the Valleys of Auvergne.* 8° 1831.

DAUBUISSON DE VOISINS, J. F. *Traité de Géognosie, ou Exposé des Connaissances actuelles sur la Constitution Physique et Minérale du Globe terrestre ; 2 vols.* 8° *Strasbourg*, 1819.

DE LA BECHE, Sir H. T. *Selection of Geological Memoirs from the "Annales des Mines," with Table of Equivalent Formations, and Brongniart's Table of the Classification of Mixed Rocks, translated with notes.* 8° *London*, 1824.

———. *Notice on the Excavation of Valleys.* 8° 1829.

———. *Sketch of a Classification of the European Rocks.* 8° 1829.

———. *Geological Notes.* 8° *London*, 1830.

———. *Sections and Views illustrative of Geological Phænomena.* 4° *London*, 1830.

———. *Geological Manual.* 12° *London*, 1831.

———. ——. *Second Edition.* 12° *London*, 1832.

———. ——. *Third Edition.* 8° *London*, 1833.

———. *Handbuch der Geognosie, nach den englischen Original bearbeitet von H. von Dechen.* 8° *Berlin*, 1832.

———. *How to observe : Geology.* 12° *London*, 1835.

DELUC, J. A. *Elementary Treatise on Geology, containing an examination of modern geological Systems, particularly the Huttonian Theory, translated by H. De la Fite.* 8° *London*, 1809.

———. *Geological Travels (translated from the French MS.) ; 3 vols.* 8° *London*, 1810–11.

- Vol. I. *Travels in North of Europe, Coasts of Baltic and North Sea.*

Vol. II. III. *Travels in England.*

———. *Geological Travels in France, Switzerland and Germany, translated from the French MS. ; 2 vols.* 8° *London*, 1813.

———. *On the Geological Phænomena.* 8° 1812.

- DELuc, J. A. Géologie : sur la formation des Vallées, etc. 8° Geneva, 1815.
- EATON, Amos. Geological Nomenclature for North America, founded on the Surveys of the *Hon. Stephen van Rensselaer*. 8° Albany, 1828.
- . Geological Text-Book for aiding the study of North American Geology. Second edition. 8° Albany, 1832.
- ENGELHARDT, Moritz von. Geognostische Untersuchungs-Methode. 12° Riga, 1817.
- ENGELHARDT, Moritz von, und K. VON RAUMER. Geognostische Umrissse von Frankreich, Grossbritannien, einem Theile Deutschlands und Italiens. 4° Berlin, 1816.
- FAUJAS St. FOND, B. Essai de Géologie, ou Mémoires pour servir à l'Histoire Naturelle du Globe; 2 vols. in 3. 8° Paris, 1809.
- FERUSSAC, J. Daubert de. Mémoires Géologiques, sur les Terrains formés sous l'eau douce par les débris fossiles des Mollusques. 4° Paris, 1814.
- FIEDLER, Karl G. Auffindung einer 8 Leipziger. Ellen, 5½ Zoll langen Blitzröhre bei Dresden. 8°.
- FITTON, W. H., M.D. Instructions for collecting Geological Specimens. 8°.
- FORCHHAMMER, Prof. G. Geognostische Studien am Meeres-Ufer. 8° 1841.
- FRISCH, Samuel G. Lebensbeschreibung *Abraham Gottlob Werners*, nebst *C. S. Weiss* über Werners Verdienste um Oryktognosie und Geognosie. 12° Leipsic, 1825.
- Geologie*, of Verhandelng over de Vorming en Vervorming der Aarde. 8° Groningen, 1813.
- GIBSON, W. S. The Certainties of Geology. 8° London, 1840.
- GMELIN, C. G. Versuche über die Wirkungen des Baryts, Strontians, Platins, Kobalts und andern Metallen auf den thierischen Organismus. 8° Tubingen, 1824.
- GREENOUGH, G. B. Examination of the First Principles of Geology. 8° London, 1819.
- HAUSMANN, Jo. F. L. Specimen de Rei Agrariæ et Saltuariæ Fundamento Geologico. 4° Gottingen, 1823.
- JOHNSTON, Jas. F. W. The Economy of a Coal-field [Exposition of the Objects of the Geological Society of the West Riding, Yorks.]. 8° Durham, 1838.
- KLIPSTEIN, A. Uebersicht der Geologie. 12° Giessen, 1833.
- LACHMUND, Frid. Admirandorum Fossilium in tractu Hildesheimensi Descriptio. 4° Hildesheim, 1669.
- LEONARDUS, Camillus, M.D. The Mirror of Stones, in which their nature, generation, properties, virtues, etc. are described, translated into English. 8° London, 1750.
- LEONHARD, Karl C. von. Lehrbuch der Geognosie und Geologie (with 4to volume of Plates). 8° Stuttgart, 1835.
- LYELL, Charles. Principles of Geology, being an attempt to explain the former changes of the Earth's surface, by reference to causes now in operation; 3 vols. 8° London, 1830-33.

- LYELL, Charles. Principles of Geology, being an attempt to explain the former changes of the Earth's surface, by reference to causes now in operation. Third Edition; 4 vols. 12° *London*, 1834.
- . ———. Fifth Edition; 4 vols. 12° *London*, 1837.
- . ———. Sixth Edition; 3 vols. 12° *London*, 1840.
- . ———. Examination into, or an inquiry into the Theory of Actual Causes or Outlines of the modern Changes of the Earth's Surface. 8° *Florence*, 1839.
- . ———. Review of, with observations on the progress of the Huttonian Theory of the Earth. 8° 1839.
- . Elements of Geology. Second Edition; 2 vols. 12° *London*, 1841.
- LYELL, Charles, and R. I. MURCHISON. On the Excavation of Valleys, as illustrated by the Volcanic Rocks of central France. 8° 1829.
- MACCULLOCH, John, M.D. Geological Classification of Rocks, comprising the Elements of Practical Geology. 8° *London*, 1821.
- MANTELL, Gideon, LL.D. The Wonders of Geology; 2 vols. 12° *London*, 1838.
- MARCEL DE SERRES. Essai sur les Cavernes à Ossements et sur les causes qui les y ont accumulés. 8° *Montpellier*, 1836.
- . De la Simultanéité des Terrains de Sédiment Supérieur. 4° *Paris*, 1830.
- . Mémoire sur la Formation d'un Cabinet d'Amateur et d'une Collection Géologique des Cévennes [avec des Articles Supplémentaires, sur la Nérinée toupée, les Térébratules Montagne de St. Pierre, etc.]. 8° 1839.
- MARZARI-PENCATI, Gius. Quadro delle formazioni [che serve d'Indice all' "Essai sur le gisement des Roches," del *Baronne di Humboldt*]. 4° 1825.
- MELOGRANI, Gius. Manuale Géologico. 8° *Naples*, 1809.
- NYST, H. Additions à la Faune Conchyliologique des terrains tertiaires de Belgique. 8° 1839.
- OMALIUS D'HALLOY, J. J. d'. Elémens de Géologie. 8° *Paris*, 1831.
- . Deuxième Edition. 8° *Paris*, 1835.
- . Troisième Edition. 8° *Paris*, 1839.
- . Précis Elémentaire de Géologie. 8° *Paris*, 1843.
- OSWALD, H. R. On the Stratification of Alluvial Deposits and the Crystallization of Calcareous Stalactites. 8° *Douglas*, 1823.
- PHILLIPS, John. Guide to Geology. 12° *London*, 1834.
- . Second Edition. 12° *London*, 1835.
- . Third Edition. 12° *London*, 1836.
- PINTO D'ALMEIDA, A. J. Principios de Geologia. 4° *Coimbra*, 1838.
- RAULIN, Victor. Réponses aux objections faites par M. Pissis à la "Notice sur la Disposition des Terrains Tertiaires." 8° 1844.
- REICHETZER, Franz. Anleitung zur Geognosie, insbesondere zur Gebirgskunde. 8° *Vienna*, 1812.
- RIBBENTROP, Gottlieb. Ueber die Blitzröhren oder Fulguriten besonders über dieselben bei Blankenbers. 8° *Brunswick*, 1830.

RICHARDSON, G. F. *Geology for Beginners, a familiar explanation of Geology and its associate Sciences, Mineralogy, Physical Geology, Fossil Conchology, Fossil Botany, and Palæontology.*

8° *London*, 1842.

ROBERTS, Geo. *Account of the mighty Landslip at Dowlands and Bindon, near Lyme Regis.*

8° *Lyme*, 1840.

ROZET, M. *Traité Élémentaire de Géologie. 1re Partie, Géognosie. 2de Partie, Géogénie; 2 vols.*

8° *Paris*, 1835–37.

SARTORIUS, G. C. *Nachtrag zu den geognostischen Beobachtungen und Erfahrungen.*

8° *Eisenach*, 1823.

SAVI, Paolo. *Sulla Scorza del Globo-terrestre.* 8°.

SCHWERIN, C. J. E. Freiherr von. *Geognostische Profile nach eigenen Beobachtungen entworfen.*

8° *Munich*, 1829.

SMITH, W. *Synopsis of Geological Phænomena.*

Oxford, 1832.

STEFFENS, H. *Geognostisch-geologische Aufsätze.* 8°.

Hamburg, 1810.

THEOPHRASTUS. *History of Stones, in Greek and English, with notes, Letters on the colours of the Sapphire and Turquoise, etc., by Sir John Hill.*

8° *London*, 1774.

THOMSON, Thomas, M.D. *Outlines of Mineralogy, Geology and Mineral Analysis; 2 vols.*

8° *London*, 1836.

VIRLET, Théod. *Des Cavernes, de leur origine et de leur mode de formation.*

12° *Avesnes*, 1836.

VOIGT, Joh. C. W. *Drey Briefe über die Gebirgs-Lehre.*

12° *Weimar*, 1786.

WOODWARD, J., M.D. *Attempt towards a Natural History of the Fossils of England, in a Catalogue of the English Fossils in his Collection, with Catalogues of his Foreign Fossils, etc.; 6 parts in 1 vol.*

8° *London*, 1729.

WOODWARD, Sam. *Synoptical Table of British Organic Remains.*

4° *London*, 1830.

YATES, Jas. *Remarks on the Formation of Alluvial Deposits.* 8° 1831.

F.

MINERALOGY.

- ACCUM, Fred. Practical Essay on the Analysis of Minerals.
12° London, 1804.
- . Elements of Crystallography, after the Method of Haüy.
8° London, 1813.
- AGRICOLA, Georgius. De Re Metallica Libri XII. access. De Animantibus Subterraneis, de ortu et causis Subterraneorum, de natura eorum quæ effluunt ex terra, de natura Fossilium, de veteribus et novis metallis, et Bermanni dialogus,—cum indicibus. fol. Basil, 1657.
- AIKIN, A. and C. R. Dictionary of Chemistry and Mineralogy, with Appendix, or Account of the most recent Discoveries and Improvements; 3 vols. 4° London, 1807–14.
- AIKIN, Arthur. Manual of Mineralogy. 8° London, 1814.
- . Second Edition. 8° London, 1815.
- . Tabular view of his System of Mineralogy. MS. 4°.
- ALLAN, Robert. Manual of Mineralogy, comprehending the more recent Discoveries in the Mineral Kingdom. 8° Edinburgh, 1834.
- ALLAN, Thomas. Alphabetical List of the Names of Minerals, with Tables of Analyses. 8° Edinburgh, 1808.
- . Remarks on the supposed Crystallized *Gadolinite* from Greenland. 4°.
- . Mineralogical Nomenclature, alphabetically arranged, with Tables of the Chemical Analyses of Minerals. 8° Edinburgh, 1814.
- ARETINUS, Andreas Cæsalpinus. De Metallicis. Libri tres. 4° Noriberg, 1602.
- BABINGTON, William, M.D. Systematic Arrangement of Minerals. 4° London, 1795.
- . System of Mineralogy, after the manner of Baron Born's Catalogue of the Fossils of Mlle. de Raab. 4° London, 1799.
- BACKWELL, Joseph. Introduction to the Study of Mineralogy. 12° Halifax, 1826.
- BADDELEY, Lieut. Examination of the *Sulphate of Strontian* from Kingston (U.S.). 8°.
- BECQUEREL, M. Note sur les variétés de forme de *Chaux Carbonatée*. 4° 1819.
- BENVENUTI, Giuseppe. Istituzioni di Mineralogia, con la maggior chiarezza disposte per facilmente imparare a conoscere i Fossili. 8° Parma, 1790.
- BERGMAN, Torbern. Manuel du Minéralogiste, ou Sciagraphie du Règne Minéral, d'après l'Analyse Chimique, traduite par *Mongez le jeune*, augm. par *Delaméthérie*; 2 vols. 8° Paris, 1792.

- BERZELIUS, J. Jacob. *System of Mineralogy, on the Electro-Chemical Theory, and the Chemical Proportions*, translated from the Swedish, by *J. Black*. 8° *London*, 1814.
- . *The Use of the Blowpipe in Chemical Analysis, and the Examination of Minerals*, translated by *J. G. Children*. 8° *London*, 1822.
- BEUDANT, F. S. *Recherches sur l'Importance relative des Formes Cristallines*. 8° *Paris*, 1817.
- BJOERN, Joh. O. *De Indole et Origine Aërolithorum*. 12° *Othinæ*, 1816.
- BLANK, Jos. B. *Handbuch der Mineralogie*. 8° *Wuerzburg*, 1810.
- BOOT, A. B. de. *Gemmarum et Lapidum Historia, recensuit et commentariis auxit Adr. Toll*. 8° *Leyden*, 1636.
- . *Tertia Editio, cui acced. J. de Laet de Gemmis et Lapidibus, et Theophrastus de Lapidibus*. 8° *Leyden*, 1647.
- BOURNON, le Comte de. *Traité Complet de la Chaux Carbonatée et de l'Arragonite, avec une Introduction à la Minéralogie, et une Théorie de la Cristallisation ; 3 vols*. 4° *London*, 1808.
- . *Catalogue Raisonné des Diamants dans le Cabinet de Sir Abraham Hume, Bart*. 4° *London*, 1815.
- BOYLE, Robert. *Essay about the Origine and Virtues of Gems*. 8° *London*, 1672.
- BREWSTER, Sir David. *On certain new Phænomena of Colour in Labrador Felspar*. 4° *Edinburgh*, 1829.
- BROCCHI, G. *Lettera al Sig. Brugnatelli, sopra una fossile nella lava di Capo di Bove presso Roma*. 4° *Milan*, 1814.
- . *Lettera al Sig. Gismondi, sulla Prehnite rinvenuta in Toscana*. 4°.
- BRUNNHOF, BRIGNOLI DI, Giov. de. *Dissertazione intorno alla Clorite o Terra Verde di Verona*. 12° *Modena*, 1819.
- BROCHANT DE VILLIERS, A. J. M. *De la Cristallisation considérée géométriquement et physiquement*. 8° *Strasbourg*, 1819.
- BRONGNIART, Alex. *Sur la Magnésite du Bassin de Paris, etc*. 8° *Paris*, 1822.
- . *Essai sur les Orbicules Siliceux, etc*. 8° 1827.
- . *Sur les Brèches osseuses et les Minerais de fer pisiforme de même position géognostique*. 8° 1828.
- . *Observations additionnelles*. 8° 1829.
- . *Sur la présence de la Webstérite dans l'argile plastique d'Auteuil près Paris, etc*. 8° 1828.
- BROOKE, Henry J. *Introduction to Crystallography, with an Explanation of the Goniometer*. 8° *London*, 1823.
- . *On the Common and Reflective Goniometers*.
- BROWNE, P. A. *Essay on Solid Meteors, and Aërolites or Meteoric Stones*. 8° *Philadelphia*, 1844.
- BUCQUET, M. *Introduction à l'Etude des Corps Naturels tirés du Règne Minéral ; 2 vols*. 12° *Paris*, 1771.
- CARTHEUSER, Fried. A. *Mineralogische Abhandlungen*. 12° *Giessen*, 1771.

- CHENEVIX, Richard. *Observations on Mineralogical Systems*, translated.
8° *London*, 1811.
- CLARKE, Edward D., LL.D. *Syllabus of Lectures in Mineralogy*, containing a Methodical Distribution of Minerals. 8° *Cambridge*, 1818.
- CLEAVELAND, Parker. *Elementary Treatise on Mineralogy and Geology* [for the use of Travellers in America, etc.]. 8° *Boston, U.S.* 1816.
- . Second Edition; 2 vols. 8° *Boston, U.S.* 1822.
- DANA, James D. *System of Mineralogy*, comprising the most recent discoveries. 8° *New York*, 1844.
- . *Notice of Blum's Treatise on Pseudomorphous Minerals*, etc. 8° *New Haven*, 1845.
- . *Origin of the constituent and adventitious Minerals of Trap and the allied Rocks*. 8° *New Haven*, 1845.
- DAVY, Sir Humphry. *Researches on the decomposition of the Earths*, etc. 4° *London*, 1808.
- DELISLE, M. de Romé. *Essai de Cristallographie*. 8° *Paris*, 1772.
- . *Description d'une Collection de Minéraux*. 8° *Paris*, 1773.
- DESNOYERS, Jules. *Notice sur le Fossile à Odeur de Truffes*. 4° 1822.
- DOLOMIEU, D. de. *Sur la Philosophie et l'Espèce Minéralogique*. 8° *Paris*, 1801.
- DUMONT, A. H. *Tableaux analytiques des Minéraux*. 4°.
- EDWARDS, George. *Elements of Fossilogy*. 8° *London*, 1776.
- EMMERLING, Ludwig A. *Lehrbuch der Mineralogie*; 2 vols. 8° *Giessen*, 1802.
- ENGELSPACH-LA RIVIÈRE, A. *Mémoire sur un Silicate d'Alumine*. 8° *Brussels*, 1828.
- ESTNER, Abbé. *Versuch einer Mineralogie, nach des Herrn Werner's Methode*; 3 vols. in 5. 8° *Vienna*, 1794–1804.
- FAUJAS DE ST. FOND. *Histoire Naturelle des Minérales silicieuses passées à l'état de Pechsteins ou Pierres de Poix par les feux souterrains*. 4° *Paris*, 1816.
- FERBER, J. J. *Untersuchung der Hypothese von der Verwandlung der mineralischen Körper in einander*. 12° *Berlin*, 1788.
- . *Lettres sur la Minéralogie*, etc., de l'Italie, traduites par le Baron de Dietrich. 8° *Strasburg*, 1776.
- FERRARA, Francesco. *Storia Naturale della Sicilia, che comprende la Mineralogia*, etc. 4° *Catania*, 1813.
- FISCHER DE WALDHEIM, Gotthelf. *Essai sur la Turquoise et sur la Calaité*. 12° *Moscow*, 1816.
- . Second Edition. 8° *Moscow*, 1818.
- . *Essai sur la Pellegrina ou la Perle incomparable des Frères Zozima*. 8° *Moscow*, 1818.
- GALLITZIN, Prince Dimitri de. *Traité de Minéralogie, ou Description des Minéraux présentés à l'Académie des Sciences de Bruxelles*. 4° *Helmstedt*, 1796.
- GERHARD, Carl A. *Versuch einer Geschichte des Mineralreichs*; 2 vols. 8° *Berlin*, 1781.

- GIESECKE, Prof. Syllabus of a Mineral System for a Course of Lectures. 8° *Dublin*, 1815.
- GLOCKER, Ern. F. de. . Carolo A. C. H. Baroni de Kamptz Solemnia semisæcularia [inest de *Graphite* Moravico Commentatio]. 4° *Breslau*, 1840.
- GMELIN, Joh. F. Grundriss der Mineralogie. 12° *Göttingen*, 1790.
- GREGOR, Rev. W. Experiments on a Mineral substance formerly supposed to be *Zeolite*, etc. 4° *London*, 1805.
- GRIFFIN, John J. System of Crystallography, with its application to Mineralogy. 8° *Glasgow*, 1841.
- HATCHETT, Charles. Analysis of the Earthy Substance from New South Wales, called *Sydneya*, or *Terra Australis*. 4°.
- HAUSMANN, Joh. F. L. Handbuch der Mineralogie; 3 vols. 12° *Göttingen*, 1813.
- . Handbuch der Mineralogie, 1ter Theil [Einleitung in die Mineralogie]. 8° *Göttingen*, 1828.
- . Handbuch der Mineralogie, 2ter Theil [1^e and 2^e Abtheilung. 8° *Göttingen*, 1845.
- . Ueber den *Trachyt* vom Säsebühl bei Dransfeld. 8°.
- . Ueber den *glasigen Feldspath* im Basalte des Hohenhagens zwischen Göttingen und Münden. 8°.
- HAÜY, l'Abbé. Traité de Minéralogie; 4 vols. 8°, and 4° volume of Plates. *Paris*, 1801.
- . Tableau des Résultats de la Cristallographie et de l'Analyse Chimique, relativement à la classification des Minéraux. 8° *Paris*, 1809.
- . Traité des Caractères Physiques des Pierres Précieuses. 8° *Paris*, 1817.
- . Sur les *Cymophanes* des Etats-Unis. 4°.
- HENSLOW, John S. Syllabus of a Course of Lectures on Mineralogy. 8° *Cambridge*, 1823.
- HOEFFLICH, Joh. W. Dissertatio exhibens Jura Mineralium. 4° *Jena*, 1695.
- HOFFMANN, C. A. S. Handbuch der Mineralogie; 2 vols. 8° *Freyberg*, 1811.
- JAMESON, Robert. System of Mineralogy; 3 vols. 8° *Edinburgh*, 1804–08.
- . Treatise on the External Characters of Minerals. 8° *Edinburgh*, 1805.
- . ——. Second Edition. 8° *Edinburgh*, 1816.
- . ——. Third Edition. 8° *Edinburgh*, 1817.
- JUSSIEU, Laurent P. de. Sur des *Grenats* de Finlande. 4°.
- KIDD, J. M.D. Outlines of Mineralogy; 2 vols. 8° *Oxford*, 1809.
- KIRWAN, Richard. Elements of Mineralogy. 8° *London*, 1784.
- . ——. Second Edition, with additions; 2 vols. 8° *London*, 1794.

- KLAPROTH, Martin H. *Essays towards promoting the Chemical Knowledge of Mineral Substances*, [translated from the German:] 2 vols.
8° London, 1801.
- . *Mineralogical and Chemical History of the Fossils of Cornwall* [translated by J. G. Groschke]. 8° London, 1787.
- KUPFFER, Adolph T. *Preisschrift über genaue Messung der Winkel an Krystallen*. 8° Berlin, 1825.
- LAMBOTIN, M. *Sur les Pierres Météoriques, vulgairement "pierres tombées du Ciel."* 8° 1814.
- LAMETHIERE, Jean C. de. *Théorie de la Terre, augmentée d'une Minéralogie*; 5 tom. 8° Paris, 1797.
- LAMPADIUS, W. A. *Handbuch zur chemischen Analyse der Mineralkörper*. 8° Freyberg, 1801.
- LARKIN, N. J. *Introduction to Solid Geometry and Crystallography*. 8° London, 1820.
- LAUMONT, Gillet. *Extract of a Letter to le Comte de Bournon* [on Minerals, etc.]. MS.
- LAUNAY, M. Louis de. *Traité sur l'Histoire Naturelle et la Minéralogie*. 12° London, 1780.
- . *Minéralogie des Anciens*; 2 vols. 8° Brussels, 1803.
- LEHMANN, Joh. G. *Abhandlung von den Metall-Mütern*. 12° Berlin, 1753.
- . *Cadmilogia, oder Geschichte des Farben-Kobolds, nach seinem Nahmen, Arten, und Lagerstädten, dabey brechenden Metallen, Mineralien, Erzen und Steinen*; 2 vols. in 1. 4° Königsberg, 1761.
- . *Entwurf einer Mineralogie zum Dienst der Studierenden*. 12° Frankfurt, 1769.
- . *Probier-Kunst*. 12° Berlin, 1775.
- LÉMAN, S. *Considérations sur les Pierres, les Masses de Fer, et les Pousières, dites Météoriques*. 8° Paris, 1818.
- LEONHARD, Carl C. *Handbuch einer allgemeinen topographischen Mineralogie*; 3 vols. 8° Frankfurt, 1805-09.
- . *Taschenbuch für die gesammte Mineralogie*; 12 vols. 8° Frankfurt, 1807-18.
- . *Bedeutung und Stand der Mineralogie*. 4° Frankfurt, 1816.
- . J. H. KOPF und C. L. GAERTNER. *Einleitung und Vorbereitungen zur Mineralogie*. fol. Frankfurt, 1817.
- LEONHARD und VOGEL. *Untersuchungen des Triphans und Tantalits*. 4° Munich, 1818.
- LINK, H. F. *Anleitung zur geologischen Kenntniss der Mineralien*. 12° Göttingen, 1790.
- LUCAS, J. A. H. *Tableau Méthodique des Espèces Minérales*; 2 vols. 8° Paris, 1806-13.
- . *De la Minéralogie* [Article du Dictionnaire d'Histoire Naturelle de M. Deterville]. 8° Paris, 1818.
- MACMICHAEL, William. *Letter on the Pitch Lake of Trinidad*. MS. 1810.

- MACQUART, M. Essais ou Recueil de Mémoires sur plusieurs points de Minéralogie. 8° Paris, 1789.
- MAWE, J. On the Diamond Mines in the Brazils. MS. 1810.
- MENISH, H. On Concrete Boracic Acid. MS.
- MILLER, W. H. Treatise on Crystallography. 8° Cambridge, 1839.
- MILLIN, A. L. Minéralogie Homérique, ou Essai sur les Minéraux dont il est fait mention dans les Poèmes d'Homère. 8° Paris, 1816.
- MOHS, Fred. Characters of the Classes, Orders, Genera and Species of the Natural History System of Mineralogy. 8° Edinburgh, 1820.
- . Des Herrn J. F. von der Null Mineralien-Kabinet, nach einem Systeme geordnet, und als Handbuch der Oryctognosie brauchbar gemacht; 2 vols. 8° Vienna, 1804.
- MONNET, M. Nouveau Système de Minéralogie, avec un Traité de la dissolution des Métaux. 12° Bouillon, 1779.
- MONTEIRO, M. Mémoire sur la Détermination directe d'une nouvelle Variété de Forme Cristalline de *Chaux Carbonatée*. 8° Paris, 1813.
- . Mémoire sur une nouvelle Variété de Forme Cristalline de *Chaux Carbonatée*. 4° 1813.
- . Mémoire sur la *Chaux Fluatée* du Vesuve. 4°.
- . Sur un nouveau Problème Cristallographique [la détermination directe des formes cristallines qui dérivent du rhomboïde]. 4° Paris, 1820.
- MOXON, C. Introduction to Mineralogy [from the Mining Review]. 4° 1838.
- NAUMANN, Carl. F. Anfangsgründe der Krystallographie. 8° Dresden, 1841.
- NECKER, L. A. Note sur un Echantillon de *Cuivre Hydro-Siliceux* ou *Kiesel-Malachit*. 4° Geneva, 1828.
- . Note sur la *Gismondine* de Carpi, etc. 8° 1831.
- . On Mineralogy, as a branch of Natural History, and Outlines of an Arrangement of Minerals. 8° 1832.
- . Le Règne Minéral, ramené aux Méthodes de l'Histoire Naturelle; 2 vols. 8° Paris, 1835.
- Nomenclature, Mineralogical, Reports of the Committee on, with Appendix. MS.; 3 Nos. 4°.
- NORDENSKIÖLD, Nils. Försök till Framställning af Kemiska Mineralsystemet. 4° Stockholm, 1827.
- ORTOLANI, Gius. E. Prospetto dei Minerali di Sicilia. 8° Palermo, 1808.
- PARISH, Sir Woodbine. On the Identity of the Mass of Meteoric Iron in the British Museum, with the Otumpa Iron, described by *Rubin de Celis* [Phil. Trans., 1786]. 4° London, 1834.
- PELLETIER, J. Essai sur la valeur des Caractères Physiques employés en Minéralogie. 4° Paris, 1812.
- PHILLIPS, Wm. Elementary Introduction to Mineralogy. 12° London, 1816.
- PINI, Ermenegildo. Memoria Mineralogica sulla Montagna e sui contorni di S. Gottardo. 8° Milan, 1783.

- PUJOULX, J. B. *Minéralogie à l'usage des Gens du Monde.* 8° *Paris*, 1813.
- RAUMER, Karl von. *Versuch eines A B C Buchs der Krystallkunde* [mit Nachträge]. 8° *Berlin*, 1820-21.
- RAZOUMOWSKY, Cte. G. de. *Essai d'un Système des Transitions de la Nature dans le Règne Minéral.* 12° *Lausanne*, 1785.
- REUSS, Franz A. *Lehrbuch der Mineralogie, nach des Herrn O. Karsten mineralogischen Tabellen*; 3 vols. 8° *Leipsic*, 1801.
- . *Lexicon Mineralogicum* [in novem linguis]. 8° *Hof*, 1798.
- RICHARDSON, Wm., D.D. *Letters to the Rev. J. Dubourdieu on Zeolite and Ochre, and on the Basaltic Productions of Antrim, with Itinerary [of the Giant's Causeway, etc.]*. 8°.
- RIVERO, Mariano de. *Note sur une Combinaison de l'acide oxalique avec le fer trouvé à Kolowserux près Bilin en Bohême.* 12° 1821.
- ROSE, Gustav. *De Sphenis atque Titanite Systemate Crystallino.* 4° *Berlin*, 1820.
- ROZIÈRE. *Mémoire sur les Vases Murrhins d'Egypte.* 8° *Paris*, 1814.
- ROZIN. *Essai sur la Minéralogie avec application au sol Français et surtout à celui de la Belgique.* 12° *Brussels*.
- SCACCHI, A. *Ricerche sulla composizione chimica del topazio e dei fosfati naturali che contengono fluore o cloro.* 8° 1842.
- . *Esame cristallografico del ferro oligisto e del ferro ossidato del Vesuvio.* 8° 1842.
- SCHMEISSER, J. G. *System of Mineralogy, on the Plan of Cronstedt*; 2 vols. 8° *London*, 1794.
- SCHNEIDER, Joh. G. *Geschichte der vorzüglichsten Mineralien des Fürstenthumes Bayreuth*; First part. 8° *Hof*, 1798.
- SCHOENBAUER, Joseph A. *Analytische Methode die Mineralien und ihre Bestandtheile richtig zu bestimmen*; 2 vols. 8° *Vienna*, 1805-09.
- SHEPARD, Charles U. *Treatise on Mineralogy: second part, consisting of Descriptions of the Species, and Tables illustrative of their Natural and Chemical Affinities*; 2 vols. in 1. 12° *New Haven*, 1835.
- SILLIMAN, B. *Analysis of Meteoric Iron from Burlington, Otsego County, New York.* 8° 1844.
- . *Review of Dana's System of Mineralogy.* 8° *New Haven*, 1844.
- SMITHSON, Jas. *On the Composition of Zeolite.* 4° *London*, 1811.
- SOWERBY, Jas. *Exotic Mineralogy (Supplement to British Mineralogy)*; Nos. 1 to 7. 8° *London*, 1811.
- STRÖM, H. C. *Forsög til et Grundrids af Mineraliernes Climatologie.* 12°.
- STROMEYER, Frid. *De Arragonite, ejusque differentia a Spitho Calcarea Rhomboidali Chemica.* 4° 1813.
- SUCKOW, Geo. A. *Anfangsgründe der Mineralogie.* 8° *Leipsic*, 1790.
- TAYLOR, R. C. *Reports on the Washington Silver Mine in Davidson County, North Carolina, with Appendix.* 8° *Philadelphia*, 1845.
- TENORE. *Mineralogia sopra quattro sostanze Fossili della Majella.* 8° *Naples*, 1838.

- THOMSON, Tho., M.D. Chemical Analysis of *Sodalite*, a new mineral from Greenland. 4°.
- . Experiments on *Allanite*, a new Mineral from Greenland. 4°.
- Touchstone for Gold and Silver Wares, or Manual for Goldsmiths, with the Rules to know Adulterated Wares, the Statutes and Laws in force, etc. 8° London, 1677.
- TOWNSON, Rob., LL.D. Philosophy of Mineralogy. 8° London, 1798.
- TROOST, G., M.D. Description of a new crystalline form of the *Andalusite*. 8° 1824.
- VAGNON, Antoine. Notice sur le *Corindon Rouge-jaunâtre* de Traverselle, sur le *Plasma* de Locana, et sur le *Manganèse couleur-de-Rose* de Pian-Pra. 4° Turin, 1813.
- VIVIANI, Domenico. Memoria sopra una nuova Specie di Minerale scoperta in Liguria. 4°.
- . Mémoire sur une nouvelle Espèce de Minéral découverte en Ligurie. 12° Genoa, 1813.
- VOIGT, Joh. C. W. Kleine mineralogische Schriften; vol. 1. 12° Weimar, 1799.
- VOLKELT, Joh. G. Nachricht von den schlesischen Mineralien. 8° Breslau, 1775.
- VOLTZ, L. *Magnésie boratée* dans le gypse du Keuper et Notice sur le redressement des Strates. 4°.
- WALCH, Joh. E. J. Das Steinreich systematisch entworfen; 2 vols. in 1. 8° Halle, 1769.
- WALLERIUS, Jean G. Minéralogie, ou Description des Substances du Règne Animal, traduite de l'Allemand; 2 vols. 8° Paris, 1753.
- . De Systematibus Mineralogicis et Systemate Mineralogico rite condendo. 8° Stockholm, 1768.
- WEBSTER, John. History of Metals. 4° London, 1671.
- WEISS, Prof. Ueber die gewöhnlichste Zwillingkrystallisation des Feldspathes. 12°.
- . Ueber den *Haytorit*. 4° 1828.
- . Ueber Invertirungskörper. 4° 1829.
- . Ueber die herzförmig genannten Zwillingkrystalle von Kalkspath, und gewisse Analoge von Quarz. 4° 1829.
- . Ueber das *Staurolithsystem*. 4° 1831.
- . Ueber eine Beziehung zwischen den Krystallsystemen des Feldspathes und des Kalkspathes. 4° 1835.
- . Betrachtung des *Feldspathsystems* in der viergliedrigen Stellung. 4° 1835.
- WERNER, A. G. Traité des Caractères extérieurs des Fossils, [traduit de l'Allemand.] 12° Dijon, 1790.
- . Treatise on the External Characters of Fossils, [translated by Tho. Weaver.] 8° Dublin, 1805.
- WHEWELL, Rev. W. Essay on Mineralogical Classification and Nomenclature, with Tables of the Orders and Species. 8° Cambridge, 1828.

WIDENMANN, Johann F. W. Handbuch des oryktognostischen Theils der Mineralogie; 1 vol. in 2. 8° *Leipsic*, 1794.

WIEDMAN, M. Essai d'une nouvelle Minéralogie, [traduit par *M. Dreux*, fils.] 12° *Paris*, 1771.

WILLIAMS, John. Natural History of the Mineral Kingdom; 2 vols. 8° *Edinburgh*, 1789.

WOLLASTON, Wm. Hyde, M.D. On a New Metal, found in Crude Platina. 4° *London*, 1804.

———. Description of a Reflective Goniometer. 4° *London*, 1809.

G.

PALÆONTOLOGY.

1. FOSSIL REMAINS OF VEGETABLES.

- ARTIS, E. Tyrell. Antediluvian Phytology, illustrated by a Collection of the Fossil Remains of Plants in the Coal Formations of Great Britain. 4° London, 1825.
- BEAUMONT, L. Elie de. Notice sur un gisement de Végétaux Fossiles et de Belemnites, à *Petit-Cœur* près *Moutiers*, en Tarentaise, avec Observations de M. Ad. Brongniart. 8° 1828.
- BOWERBANK, J. Scott. History of the Fossil Fruits and Seeds of the *London Clay*. 8° London, 1840.
- BRONGNIART, Adolphe. Prodrome d'une Histoire des Végétaux Fossiles. 8° Paris, 1828.
- . Histoire des Végétaux Fossiles, ou Recherches Botaniques et Géologiques sur les végétaux renfermés dans les diverses couches du Globe; vol. i. with Plates, and Nos. 13, 14 and 15 [all published]. 4° Paris, 1828–36.
- . Sur la Nature de la Végétation de la Terre aux diverses Périodes de la formation de son Ecorce. 8° 1828.
- . Considérations sur la Nature des Végétaux Fossiles. 4° 1837.
- . Observations sur les Végétaux Fossiles renfermés dans les Grès de *Hoer* en *Scanie*. 8° Paris, 1825.
- . Essai d'une Flore du Grès *Bigarré*. 8° 1828.
- . La Structure intérieure du *Sigillaria elegans* comparée à celle des *Lepidodendron* et des *Stigmaria* et à celle des Végétaux Vivants. 4° Paris, 1839.
- DESMAREST, A. G. Mémoire sur la *Gyrogonite*. 8° 1812.
- FAUJAS DE SAINT-FOND. Notice sur des Plantes Fossiles dans un Schiste marneux des environs de *Chaumerac* et de *Roche-Sauve*. 4° Paris, 1816.
- HARLAN, R., M.D. Description of an extinct Species of Fossil Vegetable, of the family *Fucoides*. 8° 1831.
- HÉRICART DE THURY. Sur les Vestiges Fossiles de Végétaux du sol des Environs de *Paris*. 8° 1814.
- KING, W. On the General Character of the Fossil Plants of the Genus *Sigillaria*. 8° 1845.
- LINDLEY, John, and W. HUTTON. The Fossil Flora of Great Britain (with MS. Indexes); 3 vols. 8° London, 1831–37.
- MARCEL DE SERRES. Sur les Animaux et les Végétaux dont on ne retrouve plus les Analogues sur la Terre. 8° Toulouse, 1835.

- MICHELOTTI, Giov. Saggio dei Rizopodi Caratteristici dei Terreni *Sopra-cretacei*. 4° *Modena*, 1841.
- MORRIS, John. Catalogue of British Fossils [Plants and Animals], with references to their Geological Distribution. 8° *Lond.* 1843.
- MOUGEOT et SCHIMPER. La Flore fossile du grès bigarré des *Vosges*. 4°.
- PETZOLDT, Alex. Ueber *Calamiten* und Steinkohlen-bildung [two tracts]. 8° *Dresden*, 1841.
- REICHEL, Chr. C. De Vegetabilibus Petrifactis. 4° *Wittenberg*, 1750.
- RHODE, J. G. Beiträge zur Pflanzenkunde der Vorwelt. fol. *Breslau*, 1820.
- SCHIMPER, W. P., et MOUGEOT. La Flore fossile du grès bigarré des *Vosges*. 4°.
- SCHULZEN, Chr. F. Betrachtung der versteinerten Hölzer. 4° *Dresden*, 1754.
- . Betrachtung derer Kräuterabdrücke im Stein Reiche. 4° *Dresden*.
- STERNBERG, Graf Kaspar von. Versuch einer Darstellung der Flora der Vorwelt. fol. *Leipsic*, 1820.
- . Essai d'un Exposé Geognostico-Botanique de la Flore du monde Primitif, traduit par le *Comte de Bray*. fol. *Leipsic*, 1820.
- Trees, Fossil*, found in the Excavations for the Manchester and Bolton Railways; six drawings. 1839.
- VOLTZ, L. Observations sur les Végétaux Fossiles. 4°.
- WITHAM, H. Observations on Fossil Vegetables, with Representations of their Internal Structure, as seen through the Microscope. 4° *Edinburgh*, 1831.
- . Description of a Fossil Tree, discovered in the Quarry at *Craighleith*, near Edinburgh. 4° *Newcastle*, 1831.
- . On the *Lepidodendron Harcourtii*. 4° 1832.

2. FOSSIL REMAINS OF ANIMALS.

- AGASSIZ, Louis. *Recherches sur les Poissons Fossiles*; 2 vols. 4°, and 2 folio vols. of Plates. Neuchatel.
- . *Rapport sur les Poissons Fossiles découverts en Angleterre.* 8° Neuchatel, 1835.
- . *Monographie des Poissons Fossiles du Vieux Grès Rouge (Old Red Sandstone) des Iles Britanniques et de Russie, avec Atlas de Planches.* 4° and folio Plates. Neuchatel, 1844.
- ANSTED, D. T. On a new Genus of Fossil Multilocular Shells [*Chymenia*, Münster]. 4° Cambridge, 1838.
- AUSTIN, Thomas. *Monograph on Recent and Fossil Crinoidea*; Nos. 1 to 4 [all published]. 4° Bristol.
- BEAUMONT, Elie de. *Notice sur un gisement de Végétaux Fossiles et de Belemnites, à Petit Cœur près Moutiers en Tarentaise.* 8° 1828.
- BELLARDI, Luigi e Giov. MICHELOTTI. *Saggio sulla Classe dei Gasteropodi Fossili dei Terreni Terziarii del Piemonte.* 4° Turin, 1840.
- BENETT, Etheldred. *Sketches of Fossil Alcyonia, from the Greensand Formation near Warminster in Wiltshire.* MS. 4° 1816.
- BERGER, Dr. On the Blade-bone or Scapula of some Cetaceous Animal got out of the Lake of Geneva. MS. fol.
- BERTRAND, E. *Dictionnaire Universel des Fossiles Propres et des Fossiles Accidentels*; 2 vols. in 1. 8° The Hague, 1763.
- BERTRAND DE DOUE, J. M. *Mémoire sur les Ossemens Fossiles de Saint-Privat d'Allier.* 8° Puy, 1829.
- BEYRICH, Ernst. *Beiträge zur Kenntniss der Versteinerungen des rheinischen Uebergangsgebirges.* 4° Berlin, 1837.
- . *De Goniatis in Montibus Rhenanis occurrentibus.* 4° Berlin, 1837.
- BIELING, Carl. *Geschichte und Darstellung der Gruppe fossiler Zähne und Knochen urweltlicher Thiere bey Thiede am Lindenberg gefundenen.* 4° Wolfenbittel, 1818.
- BLAINVILLE, H. Ducrotay de. *Sur les Ichthyolites ou les Poissons Fossiles.* 8° 1818.
- . *Mémoire sur les Bélemnites, considérées zoologiquement et géologiquement.* 4° Paris, 1827.
- . *Sur un nouvel envoi de fossiles du Dépôt de Sansan.* 4° 1837.
- . *Rapport sur les Singes Fossiles.* 4° 1837.
- BOURGUET. *Lettres sur la formation des Sels et des Crystaux, et surtout sur la pierre Belemnite et la pierre Lenticulaire.* 12° Amsterdam, 1729.
- BRANDER, Gust. *Fossilia Hantoniensia.* 4° London, 1766.
- BROCCHI, G. *Conchilogia Fossile Subapennina, con osservazioni geologiche sugli Apennini*; 2 vols. 4° Milan, 1814.

- BRODERIP, W. J.** On the Jaw of a Fossil Mammiferous Animal found in the Stonesfield Slate [with Description of the Strata by *W. H. Fitton*]. 8° 1827.
- BRODIE, P. B.** History of the Fossil Insects in the Secondary Rocks of England. 8° London, 1845.
- BRONGNIART, Alex. et A. G. DESMAREST.** Histoire Naturelle des *Crustacés Fossiles*, savoir, les *Trilobites*, et les Crustacés proprement dits. 4° Paris, 1822.
- BRONN, H. G.** Charaktere des Genus *Mystriosaurus*.
 ———. Uebersicht der bis jetzt bekannten *Nerinea*-Arten. 8°.
- BRUNO, Gio. D.** Illustrazione di un nuovo *Cetaceo* Fossile. 4°.
- BRUN-NEERGAARD.** Sur les Ossemens et Coquilles Fossiles de *Plaisance* (extrait de son Voyage en Italie). 8° 1813.
- BUCH, Baron Léopold von.** Recueil de Planches de Pétrifications Remarquables. fol. Berlin, 1831.
 ———. Description des Pétrifications recueillies en Amérique par *Alex. de Humboldt* et par *Chas. Degenhardt*. fol. Berlin, 1839.
 ———. Trois Planches d'*Ammonites*, avec explication. 4° and folio plates.
 ———. Ueber *Terebrateln*, mit einem Versuch sie zu classificiren und zu beschreiben. 4° Berlin, 1834.
 ———. Ueber *Productus* oder *Leptæna*. 4° Berlin, 1842.
 ———. Explication de deux Planches de *Spirifer* et d'*Orthis*. fol.
- BUCKLAND, Rev. W.** On the Remains of *Elephants*, etc. in the Cliffs of Frozen Mud, in *Eschscholtz Bay*, Behring's Strait, etc. 4°.
 ———. Reliquiæ Diluvianæ, or Observations on the Organic Remains in Caves, etc. 4° London, 1823.
 ———. Geology and Mineralogy considered with reference to Natural Theology [Bridgewater Treatise]; 2 vols. 8° 1836.
 ———. Plates to his Bridgewater Treatise. 4° 1836.
 ———. Review of his Bridgewater Treatise, from the Christian Remembrancer. 8° 1837.
- BURMEISTER, Hermann.** Die Organisation der Trilobiten, aus ihren lebenden Verwandten entwickelt. 4° Berlin, 1843.
- Canada.** Fossil Organic Remains found in the Rocks of [compiled from Parkinson and the Geol. Trans.]. 8° Quebec, 1829.
- CATULLO, T. A.** Osservazioni sopra due Scritti nelle Memorie della Società Geologica di Parigi per 1838 ["Memoria geologica," etc., è "Saggio di una classificazione delle *Terebratule*," del *Bar. de Buch*]. 4° Padua, 1840.
 ———. Nota intorno gli *Echinidi* Fossili della *Creta*. 8°.
 ———. Saggio di Zoologia Fossile [sopra i Petrefatti delle Provincie Austro-Venete]. 4° Padua, 1827.
- CAUTLEY, P. T.** Note on the Fossil Crocodile of the *Sivalik Hills*. 4° 1835.
 ———. See also *Falconer, Dr.*
- CLEAVELAND, Parker.** Account of Fossil Shells (American). 4° 1808.

- COLLINSON, P. Extracts of Letters concerning Elephants' Bones dug up in England. MS. 1785.
- CONNELL, Arthur. Analysis of Coprolites, etc. in the limestone of *Burdie House*, near Edinburgh. 4° *Edinburgh*, 1835.
- CONRAD, T. A. Fossil Shells of the Tertiary Formations of *North America*: vol. i. 8° *Philadelphia*, 1832.
- COSTA, Em. Mendes da. Natural History of Fossils. Part I. 4° *London*, 1757.
- COTTA, C. Bernhard. Die *Dendrolithen* in Beziehung auf ihren inneren Bau. 4° *Dresden*, 1832.
- CUMBERLAND, George. Reliquiæ Conservatæ, with Descriptions of some remarkable Fossil *Encrinites*. 8° *Bristol*, 1826.
- CUVIER, le Baron G. Recherches sur les Ossements Fossiles, où l'on rétablit les Caractères de plusieurs Animaux dont les Révolutions du Globe ont détruit les Espèces; 5 vols. in 6. 4° *Paris*, 1822-24.
- DARWIN, Charles. Zoology of the Voyage of H.M.S. Beagle. Part I. *Fossil Mammalia*, by *Richard Owen*; Nos. 1, 2 & 3. 4° *London*, 1838.
- DEFRANCE, M. Tableau des Corps Organisés Fossiles avec Remarques sur leur pétrification. 8° *Paris*, 1824.
- DESHAYES, G. P. Description de Coquilles Caractéristiques des Terrains. 8° *Paris*, 1831.
- . Description des Coquilles Fossiles des Environs de Paris; 2 vols. 4° *Paris*, 1824.
- DESMAREST, A. G. Rapport sur les "Considérations sur les Fossiles des terrains d'eau douce" de *M. de Ferussac*. 8° 1812.
- . Sur deux Genres de Coquilles Fossiles cloisonées et à Siphon. 4°.
- DESMOULINS, Charles. Essai sur les *Sphérulites* dans ses Collections. 8° 1826.
- DILLWYN, Lewis W. Letter to Sir Humphry Davy [on Fossil Shells]. 4° *London*, 1824.
- DURAND, H. M. Specimens of the *Hippopotamus*, etc. of the Sub-Himalayas in the Dadupur Collection. 4° 1835.
- EHRENBERG, C. G. Ueber noch zahlreich lebende Thier-Arten der Kreideformation der Erde. 8°.
- . Ueber die Dysodil als ein Product aus Infusorienschalen. 8°.
- EHRHARTUS, Balth. De *Belemnitis Suevicis* Dissertatio. 4° *Augsburg*, 1727.
- EICHWALD, Ed. Die Urwelt Russlands durch Abbildungen erläutert, aus dem Russischen; 1st part. 4° *St. Petersburg*, 1840.
- . Ueber *Ichthyosaueren* und *Ceratiten* Russlands. 8° 1841.
- FALCONER, H., and P. T. CAUTLEY. Note on the Fossil Hippopotamus of the *Sivalik Hills*. 4° 1835.
- . Fauna Antiqua Sivalensis. Part I. 8° and folio Atlas. *London*, 1846.
- FAUJAS DE ST. FOND. Mémoire sur des *Bois de Cerfs* Fossiles trouvés à *Montelimar* en *Dauphiné*. 4° *Grenoble*, 1776.
- FAVRE, Alphonse. Observations sur les *Diceras*. 4° *Geneva*, 1843.

- FEHR, Joh. M. *Anchora Sacra, vel Scorzonera, access. J. L. Bausch de Unicornu fossili.* 12° *Jena*, 1666.
- FERUSSAC, Audebard de. *Monographie des Espèces vivantes et fossiles du Genre Mélanopside.* 4° *Paris*, 1823.
- FISCHER DE WALDHEIM, Gotthelf. *Bibliographia Palæontologica Animalium Systematica.* 8° *Moscow*, 1834.
- . *Notice sur les Fossiles et les Pétrifications du Gouvernement de Moscou.* 8°.
- . *Revue des Fossiles du Gouvernement de Moscou. No. 2. Fossiles Oolithiques.* 8° 1842.
- . *Notice sur l'Eurypterus de Podolie et le Chirotherium de Livonie.* 4° *Moscow*, 1839.
- . *Lettre à R. I. Murchison sur le Rhopalodon, genre de Saurien Fossile, du versant occidental de l'Oural.* 8° *Moscow*, 1841.
- FREMERY, N. C. de. *Over eenen Hoorn en Gedeelte des Bekkeneels van Bos Primigenius.* 4° *Amsterdam*, 1831.
- GERVAIS, Paul. *Remarques sur les Oiseaux Fossiles.* 8° *Paris*, 1844.
- GESNERUS, Joh. *Tractatus Physicus de Petrificatis.* 8° *Leyden*, 1758.
- GIBBES, Robt. W. *Description of the Teeth of a New Fossil Animal from the Greensand of South Carolina.* 8° 1845.
- GLOCKER, Ernst F. von. *Ueber den Aptychus imbricatus in dem Jurakalk von Karowitz vorkommenden.* 4° *Breslau*, 1841.
- GODMAN, J. D., M.D. *Description of a New Genus and New Species of extinct Mammiferous Quadraped.* 4° 1830.
- GOLDFUSS, August. *Petrefacta Germaniæ, tam ea in Museo Univers. Reg. Boruss. Frid. Wilh. Rhenanæ quam alia in Museis Hoeninghusiano, Münsteriano aliisque, iconibus et descriptionibus illustrata.* 3 vols. in 2. fol. *Dusseldorf*, 1826-44.
- GRANT, Robt. E., M.D. *On the Footmarks of Chirotherium in the New Red Sandstone of Stourton Hill, near Liverpool [from the Liverpool Mercury].* 1838.
- . *View of the Characters and the Distribution of Extinct Animals.* 8° 1839.
- GRATELOUP, Dr. *Conchyliologie Fossile du Bassin de l'Adour, ou Description des Coquilles Fossiles des Environs de Dax.* 8° *Bordeaux*, 1837.
- . *Mémoire sur les Coquilles Fossiles des Mollusques du Bassin de l'Adour.* 8° *Bordeaux*, 1838.
- . *Mémoire sur les Oursins Fossiles, des Terrains Calcaires de Dax (Département des Landes).* 8° 1836.
- . *Tableau Statistique des Coquilles univalves Fossiles des Environs de Dax.* 8° *Bordeaux*, 1838.
- . *Notice sur la Famille des Bulléens, trouvés aux Environs de Dax.* 8°
- . *Mémoire sur les Coquilles Fossiles de la Famille des Néritacés, observées aux Environs de Dax.* 8° *Bordeaux*, 1840.
- . *Description des Coquilles Fossiles qu'on observe aux Environs de Dax : (Famille des Mélaniens).* 8° *Bordeaux*, 1838.

- GRATELOUP, Dr. Description des Coquilles Fossiles, qu'on observe aux Environs de *Dax*: (Famille des *Plicacés*). 8° *Bordeaux*, 1838.
- . Description d'un Fragment de Machoire Fossile d'un Reptile gigantesque, à *Léognan* près *Bordeaux*. 8° 1840.
- GRIFFITH, Richard. New Fossils, collected from the Carboniferous Limestone series of Ireland. 4° *Dublin*, 1844.
- HARLAN, R., M.D. Description of the Fossil Bones of the *Megalonyx* discovered in "White Cave," *Kentucky*. 8° 1821.
- . Notice of Fossil Bones in the Tertiary formation of *Louisiana*. 4° 1832.
- . Notice of the Discovery of the Remains of the *Ichthyosaurus* in *Missouri*. 4° 1832.
- . On the Structure of the Teeth in the *Edentata*, Fossil and Recent. 8° 1834.
- . Notices of various Organic Remains discovered in North America. 8° 1834.
- HART, John. Description of the Skeleton of the Fossil Deer of Ireland, *Cervus Megaceros*. 8° *Dublin*, 1830.
- HAWKINS, Tho. Memoirs of *Ichthyosauri* and *Plesiosauri*, extinct Monsters of the ancient earth. fol. *London*, 1834.
- . The Book of the Great Sea-Dragons, *Ichthyosauri* and *Plesiosauri*, extinct Monsters of the ancient earth. fol. *London*, 1840.
- HAYS, Isaac, M.D. Description of the Head of a New Fossil Animal, discovered near *Moorestown*, *New Jersey*. 4° 1830.
- . Descriptions of the Inferior Maxillary Bones of *Mastodons*, with Remarks on the Genus *Tetracaulodon*. 4° *Philadelphia*, 1833.
- HEINROTH, Joan C. A. Quædam de Ossibus Fossilibus Animalibus. 4° *Leipsic*, 1794.
- HÉNNAH, Richard. Plates of the Animal remains found in the lime rocks of *Plymouth*. 8° *Plymouth*.
- HISINGER, W. Lethæa Suecica, seu Petrificata Sueciæ iconibus et characteribus illustrata. 4° *Stockholm*, 1837.
- HOENINGHAUS, F. W. Ueber die *Calymene arachnoides*, Goldfuss. 4° *Crefeld*, 1835.
- . *Trilobites* der geognostischen Sammlung. 8°.
- . Sur un *Productus* singulier de Visé de sa collection. 4° *Crefeld*, 1828.
- . Beitrag zur Monographie der Gattung *Crania*. 4° *Crefeld*, 1828.
- HOME, Sir Everard. On the Structure and Growth of the Grinding Teeth of the Wild Boar, and Animal Incognitum [*Mastodon*]. 4° *London*, 1801.
- . Account of some Fossil Remains of the *Rhinoceros*, discovered by Mr. Whitby in the Limestone Rôck at *Plymouth Breakwater*. 4° *London*, 1817.
- HORNER, Leonard. On the occurrence of the *Megalichthys* in a bed of Cannel Coal in *Fifeshire*. 8° 1836.
- HUNTER, John. Account of some remarkable Caves in *Bayreuth*, and of Fossil Bones found therein. 4° 1793.

- HUOT, J. J. N. Résumé Géologique sur les Ossements Fossiles.
8° Paris, 1826.
- JAEGER, Geo. F. Ueber die Fossilen Säugethiere, welche in Württemberg
aufgefunden worden sind. fol. Stuttgart, 1835.
- KARSTEN. Die äusseren Kennzeichen der Fossilien in zwölf Tafeln, und
tabellarische Uebersicht der mineralogisch-einfachen Fossilien. fol.
- KESSLER, C. Abdrücke urweltlicher Thiere in Buntem Sandstein bei
Hildburghausen, mit einem Vorwort von Dr. F. K. L. Sickler.
fol. Hildburghausen, 1836.
- KNORR, Geo. W. Recueil des Monumens des Catastrophes que le Globe
Terrestre à essuïées, contenant des Pétrifications dessinées et enluminées
d'après les originaux, avec l'Histoire Naturelle de ces corps par J. E. E.
Walch, traduit de l'Allemand [avec les Tables] ; 4 vols.
fol. Nuremberg, 1777-78.
- KOCH, Albert. Description of the *Missourium* or *Missouri Leviathan*.
8° Louisville, 1841.
- KOENIG, Chas. Icones Fossilium Sectiles. fol.
- KONINCK, L. de. Description des Coquilles Fossiles de l'Argile de Ba-
sele, Boom, Schelle, etc. [Flanders]. 4° 1837.
- . Mémoire sur les Crustacés Fossiles de Belgique.
4° Liège, 1841.
- . Description des Animaux Fossiles du Terrain Carbonifère de
Belgique. 4° Liège, 1842-44.
- LAMARCK. Mémoire sur les Coquilles Fossiles des environs de Paris,
avec un Recueil des Planches ; 2 vols. 4° Paris, 1823.
- LAPEIROUSE, Picot de. Description de plusieurs nouvelles Espèces d'*Or-
thocératites* et d'*Ostracites*. fol. Erlangen, 1781.
- LEA, Hy. C. Descriptions of some new Fossil Shells from the Tertiary
beds of Petersburg, Virginia, U.S. 8° 1843.
- LEA, Isaac. Contributions to Geology [Tertiary Formation of Alabama,
Tertiary Fossil Shells from Maryland and New Jersey, Lacustrine For-
mation of Syracuse, New York, etc.]. 8° Philadelphia, 1833.
- LUDIVS, Edv. Ichnographia sive Lapidum aliorumque Fossilium Bri-
tannicorum Distributio Classica. 8° Oxford, 1760.
- LUND, Dr. View of the Fauna of Brazil previous to the last Geological
Revolution [translated by the Rev. W. Bilton]. 8° 1840.
- LUTHURUS, Jo. G. Historiæ Naturalis Fossilium Caput de Terris.
4° Leipsic, 1745.
- LYELL, Chas. On Shells of the genus *Conus* in the Lias of Normandy. 8°.
- . On the occurrence of Fossil Mammalia in the London Clay,
near Woodbridge, Suffolk [with Description by R. Owen]. 8°.
- . On the discovery of Fossil Teeth of a *Leopard*, *Bear*, etc. at
Newbourn in Suffolk. 8°.
- MANTELL, Gideon A. Notice on the *Iguanodon*, a Fossil Reptile from the
Sandstone of Tilgate Forest, Sussex. 4° London, 1825.
- MARCEL DE SERRES. Sur les Animaux et les Végétaux dont on ne re-
trouve plus les analogues sur la terre. 8° Toulouse, 1835.
- . Géognosie des Terrains tertiaires, ou Tableau des Animaux
invertébrés des terrains marins tertiaires du midi de la France.
8° Montpelier, 1829.

- MARCEL DE SERRES. Recherches sur les Ossements Humatiles des Cavernes de Lunel-Viel. 4° *Montpelier*, 1839.
- . Sur divers débris de *Mastodontes* de Simorre découverts en France. 8° *Paris*, 1825.
- . Observations sur les *Rhinocéros* Fossiles et Humatiles. 8° 1834.
- . Observations sur les Grandes Espèces d'*Ours des Cavernes*. 8°.
- . Sur une nouvelle Espèce d'*Haliotis* Fossile, etc. 8°.
- MARTIN, Wm. Outlines of a Knowledge of Extraneous Fossils. 8° *Macclesfield*, 1809.
- . Figures and Descriptions of Petrifications collected in Derbyshire. 4° *Wigan*, 1809.
- MEYER, Hermann von. Palæologica zur Geschichte der Erde und ihrer Geschöpfe. 8° *Frankfort*, 1832.
- . Beiträge zu *Eryon*, einem Geschlechte fossiler langschwänziger Krebse. 4° 1835.
- . Neue Gattungen fossiler Krebse aus Gebilden vom bunten Sandstein bis in die Kreide. 4° *Stuttgart*, 1840.
- . Ueber *Isocrinus* und *Chelocrinus* [Crinoideen]. 4° 1837.
- MICHELÔTTI, Joannes. Specimen Zoophytologiæ Diluvianæ. 8° *Turin*.
- . Brevi Cenni sullo Studio della Zoologia Fossile. 4° *Turin*, 1841.
- . Brevi Cenni di alcuni Resti delle Classi *Brachiopodi* etc. 4° 1839.
- . Indice ragionato di alcuni Testacei di *Cefalopodi* Fossili in Italia, nella Savoia, e nel Contado di Nizza. 4° 1840.
- . Rivista di Alcune Specie Fossili della Famiglia dei *Gastropodi*. 4° 1840.
- MILLER, J. S. Natural History of the *Crinoidea* or Lily-shaped animals, with Observations on the Genera *Asteria*, *Euryale*, *Comatula* and *Marsupites*. 4° *Bristol*, 1821.
- MORRIS, John. Catalogue of British Fossils, with references to their geological distribution. 8° *London*, 1843.
- MORTON, Sam. G., M.D. Synopsis of the Organic Remains of the Cretaceous Group of the United States. 8° *Philadelphia*, 1834.
- . Description of Organic Remains of the Cretaceous Group of the United States. 8° *Philadelphia*, 1842.
- . Description of the Head of a Fossil *Crocodile* from the Cretaceous strata of New Jersey. 8° 1844.
- MOXON, Chas. Illustrations of the Characteristic Fossils of British Strata, with explanatory notes. 4° *London*, 1841.
- NESI, Filippo. Sopra alcune Ossa Fossili di *Rinoceronite*. 4° *Florence*, 1811.
- NILSSON, S. Petrificata Suecana formationis Cretaceæ, Pars prior: Vertebrata et Mollusca. fol. *London*, 1827.
- NYST, P. H. Description des Coquilles et des Polyptiers Fossiles des terrains tertiaires de la Belgique. 4° 1844.

- NYST, P. H. Recherches sur les Coquilles Fossiles de la Province d'Anvers. 8° Brussels, 1835.
- et H. GALEOTTI. Description de quelques Fossiles du Calcaire Jurassique de Tehuacan, au Mexique. 8°.
- ORBIGNY, Alcide d'. Paléontologie Française, ou description de tous les Animaux Mollusques et Rayonnés Fossiles de France: Terrains Jurassiques. Terrains Crétacés. 8° Paris, 1840-42.
- . Histoire Naturelle des *Crinoides* vivans et fossiles; Parts 1, 2 et 3. 4° Paris, 1840.
- OWEN, Richard. Description of the Skeleton of an extinct Gigantic Sloth, *Myiodon robustus*, with Observations on Megatherioid Quadrupeds in general. 4° London, 1842.
- . Zoology of the Beagle. Part I. Fossil Mammalia, with Geological Notices by Mr. Darwin. 4° London, 1838.
- PARKINSON, James. Organic Remains: an Examination of the mineralized Remains of the Vegetables and Animals of the Antediluvian World; 3 vols. 4° London, 1804-11.
- . Introduction to the study of Fossil Organic Remains. 8° London, 1822.
- . ———. Third Edition. 8° London.
- PEALE, Rembrandt. Account of the Skeleton of the *Mammoth* found in America. 8° London, 1802.
- . Historical disquisition on the *Mammoth* or Great American Incognitum. 8° London, 1803.
- PHILLIPS, John. Figures and Descriptions of the *Palæozoic Fossils* of Cornwall, Devon and West Somerset [Ordnance Geological Survey]. 8° London, 1841.
- PICTET, F. J. Traité Élémentaire de Paléontologie ou Histoire Naturelle des Animaux Fossiles; 3 vols. (all published) 8° Paris, 1844.
- PREVOST, Constant, et Anselme DESMAREST. Sur des Empreintes de corps marins, trouvées à Montmartre dans la masse inférieure de la formation gypseuse. 8° 1809.
- RANG, S., et C. DESMOULINS. Description de trois genres nouveaux de Coquilles Fossiles du terrain tertiaire de Bordeaux. 8°
- RASPAIL. Histoire Naturelle des *Bélemnites*, avec une Description des espèces de *M. Emérie de Castellane*. 8° 1829.
- READE, J. B. On some new Organic Remains in the Flint of Chalk. 8° London, 1838.
- RIO, Niccolo da. Oritologia Euganea. 4° Padua, 1836.
- RISSO, A. Histoire Naturelle des Productions de l'Europe Méridionale, et particulièrement de celles des Environs de Nice et des Alpes Maritimes. [Fossils in vol. 4]; 5 vols. 8° Paris, 1826.
- ROEMER, Ferdinandus. De *Astartarum* Genere, et Speciebus, quæ e saxis Jurassicis atque Cretaceis proveniunt. 4° Berlin, 1842.
- ROEMER, Fried. A. Die Versteinerungen des norddeutschen Oolithengebirges. 4° Hanover, 1836.
- . Die Versteinerungen des norddeutschen Kreidegebirges. 4° Hanover, 1841.
- ROOKE, J. On a Fossil found in Shropshire. MS. 1813.

- ROWLAND. Account of the Origin and Formation of Fossil Shells, &c. 8° *London*, 1705.
- RUPPEL, Eduard. Beschreibung einiger neuen Versteinerungen aus der Kalkschieferformation von Solnhofen. 4° *Frankfort*, 1829.
- SAINT-HILAIRE, Geoffroy. Considérations sur des Ossemens Fossiles trouvés dans les Bassins de l'Auvergne. 8° 1833.
- SAY, Thomas. Account of some of the Fossil Shells of *Maryland*. 8° 1824.
- SCHEUCHZERUS, J. J. Lapidum Figuratorum Nomenclator auctus a J. T. Klein. 4° *Dantzic*, 1740.
- SCHLOTTHEIM, Baron von. Die Petrefactenkunde: eine Beschreibung seiner Sammlung versteinerner und fossiler Ueberreste des Thier und Pflanzenreichs der Vorwelt [mit Nachträge]; 2 vols. in 1. 8° *Gotha*, 1820–22.
- SCHMERLING, P. C. Recherches sur les Ossemens Fossiles des Cavernes de Liège; one vol. 4° and folio vol. of plates. 4° *Liège*, 1833.
- SCHUETTEUS, Jo. H. Fossilium et Mineralium in agro Jenensi Descriptio, adnotationibus C. V. Merckelii. 12° *Jena*, 1761.
- SCHULZEN, Chr. F. Betrachtung der versteinerten *Seeesterne* und ihrer Theile. 4° *Warsaw*, 1760.
- SCILLA, Aug. De Corporibus Marinis Lapidescensibus quæ defossa reperiuntur, access. F. Columna de Glossopetris. 4° *Rome*, 1759.
- SCINA, Domenico. Rapporto sulle ossa fossili di Mardolce e degli altri contorni di Palermo. 8° *Palermo*, 1831.
- SCOULER, John, M.D. Account of some Fossil *Crustaceæ* in the Coal Formation. 8°.
- SISMONDA, Angelo. Notizie a due Fossili trovati nei Colli di San Stephani Rôro. 4°.
- SMITH, William. Stratigraphical System of Organised Fossils with reference to the Collection in the British Museum. 4° *London*, 1817.
- SOWERBY, G. B. Description of a new Fossil *Cirripede* from the Upper Chalk near Rochester. 8° 1843.
- SOWERBY, James. The Mineral Conchology of Great Britain, or Coloured Figures and Descriptions of the Remains of Testaceous Animals or Shells; 6 vols., and Nos. 106–113. 8° *London*, 1818–29.
- STOBÆUS, Kilianus. Opuscula, in quibus Petrefactorum, Numismatum et Antiquitatum historia illustratur. 4° *Dantzic*, 1752.
- STRUVE, H. Méthode Analytique des Fossiles, fondée sur leurs caractères extérieurs. 8° *Paris*, 1799.
- SWELLENGREEVE, Professor. Extrait de son rapport sur un Crâne d'un *Bos taurus primigenius* trouvé dans la province d'Utrecht, et Rapport de Profess. Reinwardt sur un autre Crâne trouvé à Overyssel. MS. 1825.
- TAYLOR, R. C. Table of the Geological Arrangement of British Fossil Shells. 8° 1829.
- TENTZELIUS, W. E. De Scelecto Elephantino Tonnæ nuper effosso. 12° *Jena*, 1696.
- TILESIIUS, Dr. On the *Mammoth* or Fossil Elephant found in the Ice at the Mouth of the Lena, Siberia [translated and abridged from the Memoirs of the St. Petersburg Academy]. 4° *London*, 1819.

- United States.* Organic Remains of the Ferruginous Sand Formation. 8°.
- VOLTZ, Ph. Louis. Observations sur les *Bélemnites*. 4° *Paris*, 1830.
- . Détermination des fossiles connus sous le nom d'*Aptychus*,
Trigonellites, etc. 8° 1836.
- . Ueber das fossile Genus *Nerinea*. 8° 1835.
- WALCOTT, John. Descriptions and Figures of Petrifications found in the
Quarries, Gravel Pits, etc. near Bath. 8° *Bath*.
- WALKER, Joan. Classes Fossilium, cum nominibus genericis adscriptis.
8° *Edinburgh*, 1787..
- WETHERELL, Nath. Notice of undescribed Organic Remains discovered
in the London Clay Formation. 8° 1839.
- . Notice of a species of *Rotalia* found attached to *Vermetus*
Bognoriensis. 8° 1839.
- WHIDBEY, Jos. On some Fossil Bones discovered in the Limestone
Quarries of Oreston, with Description of them by *W. Clift*.
4° *London*, 1823.
- WOODWARD, John, M.D. Fossils of all kinds, digested into a Method
[with their Ancient and Modern Names, etc.]. 8° *London*, 1728.
- . Attempt towards a Natural History of the Fossils of England
[with a Catalogue of Foreign Fossils] ; 2 vols. 8° *London*, 1729.

H.

PRACTICAL GEOLOGY.

AGRICULTURE.

- ALEXANDER, Capt. H. The Soils of East Suffolk, considered geologically. 8° *Woodbridge*, 1840.
- BOUBÉE NÉRÉE. Géologie populaire, appliquée à l'Agriculture et à l'Industrie. 18° *Paris*, 1833.
- DAUBENY, Charles, M.D. Three Lectures on Agriculture. 8° *Oxford*, 1841.
- . Lecture on the Application of Science to Agriculture. 8° *London*, 1842.
- . On the Public Institutions for the Advancement of Agricultural Science in other Countries. 8° *London*, 1842.
- . On the Chemical Constituents of Crops. 8° *London*, 1842.
- FARMER, The Golden, or an attempt to unite the Facts of Geology, Chemistry and Botany, with Practical Operations of Husbandmen. 8° *London*, 1831.
- GRATELOUP. Discours sur la Géologie d'application à l'Agriculture, etc., pour La Gironde. 8° 1835.
- JOHNSTON, James F. W. Elements of Agricultural Chemistry and Geology. 12° *Edinburgh*, 1842.
- . ——. Third Edition. 12° *Edinburgh*, 1844.
- . Lectures on Agricultural Chemistry and Geology; parts i. and iv. 8° *Edinburgh*, 1841.
- PARKES, Samuel. Letter on the Advantages of using Salt in Agriculture. 8° *London*, 1819.
- PLYMLEY, Jos. View of the Agriculture of Shropshire. 8° *London*, 1803.
- RIVERO, M. E. de. Sobre el Guano de Pajaros y su uso en el Peru. 8° *Lima*, 1827.
- ROZIN. Essai sur la Minéralogie avec application au sol Français et surtout a celui de la Belgique. 12° *Brussels*.

ARCHITECTURE.

- BRARD, C. Prosper. Traité des Pierres Précieuses, des Porphyres, Granits, Marbres, etc. propres à recevoir le poli et à orner les Monuments Publics, etc.; 2 vols in 1. 8° *Paris*, 1808.
- NEWBOLD, Lieut. On the Hindoo and Egyptian Processes of quarrying and polishing Granite. 8°
- Parliament, New Houses of. Report on the Selection of Stone for building them. fol. *London*, 1839.

ARCHITECTURE.

- PASLEY, C. W. Observations on Limes, Calcareous Cements, Mortars, Stuccos, Concrete, etc. 8° *London*, 1828.

ENGINEERING.

- LOCKER, Edward H. Report on the Roads and Mines on the Estates of Greenwich Hospital. fol. 1823.
Roads and Bridges in the Highlands. Report of the Commissioners. fol. 1811.
SIMMS, F. W. Observations on the Asphaltic Mastic or Cement of Seyssel. 8° *London*, 1837.
———. Practical Tunneling, as exemplified by the Particulars of Bletchingley and Saltwood Tunnels. 4° *London*, 1844.

MINERAL WATERS.

- BORCH, Comte de. Minéralogie Sicilienne, suivie de la Description des Eaux Minérales de la Sicile. 8° *Turin*, 1780.
CLANNY, W. R., M.D. History of the Mineral Waters at Butterby near Durham. 12° *Durham*, 1807.
———. Treatise on the Mineral Waters of Gilsland. 8° *Sunderland*, 1816.
DAUBENY, Charles, M.D. On the present state of our knowledge of Mineral and Thermal Waters. 8° *London*, 1837.
———. On the Gases disengaged from the Spring of the "King's Bath" at Bath. 4° *London*, 1834.
———. Remarks on Thermal Springs, and their connexion with Volcanos. 8° 1832.
FORBES, James D. On the Temperatures and Geological Relations of certain Hot Springs, particularly those of the Pyrenees, and on the verification of Thermometers. 4° *London*, 1836.
GAIRDNER, Meredith, M.D. Essay on the Natural History, Origin, Composition and Medicinal Effects of Mineral and Thermal Springs. 12° *Edinburgh*, 1832.
GRANVILLE, A. B., M.D. The Spas of Germany. 8° *London*.
GUIDOTT, Thomas. De Thermis Britannicis Tractatus, access. Observationes de Balneo apud Bathonium. 4° *London*, 1691.
JORDEN, Ed. Discourse of Naturall Bathes and Minerall Waters. 4° *London*, 1631.
LIPPI, C. Sul Progetto di doversi analizzare le Acque Minerali d'Ischia. 12° *Napoli*, 1820.
MARCET, Alexander, M.D. Chemical Account of the Brighton Chalybeate. 12° *London*, 1805.
Raccolta di Osservazioni intorno l'Acqua Termo-Mineraie Vesuviana-Nunziante, da varii Professori [*Fortunato Cirillo, Gius. Calabrese, Gius. Savastano*, etc.] con memoria da *Gius. Ricci*; 2 parts in 1 vol. 8° *Naples*, 1834.
RIVERO, M. E. de. Memoria sobre las Aguas Minerales de Yura. 12° *Lima*, 1827.
———. Noticia sobre el Rio Llamado, Vinagre. 12° *Lima*, 1826.
VOLTZ, L. Notice sur la source d'eau minérale de Soult les Bains. 4°

MINERAL WATERS.

WEATHERHEAD, George H., M.D. Account of the Beulah Saline Spa at Norwood, Surrey. 8° *London*, 1832.

———. Analysis of the Leamington Spa, with Remarks on its Use and Medicinal Qualities. 8° *London*, 1820.

MINING FOR COAL.

Accidents in Mines. Report of the Select Committee. fol. 1835.

———. Recueil de Mémoires et de Rapports de l'Académie Royale de Bruxelles, sur les Moyens de soustraire l'Exploitation des Mines de Houille aux chances d'Explosion. 8° *Brussels*, 1840.

Asturias, Minas de Carbon de Piedra de, Reconocimiento por una Comision de Facultativos. 4° and Maps in folio. *Madrid*, 1831.

BATEMAN, John. On the Specific Gravity of the Seams of Coal in Howgill and Whingill Collieries near Whitehaven. MS. 1793.

BURN, Frederick. Notice of the South Staffordshire Coal Field, Dudley. 4° 1838.

Coal Trade. Reports of the Select Committee on the State of [Feb. and July 1830, and August 1836]; 3 vols. fol. 1830-36.

CURR, John. The Coal Viewer, and Engine Builder's Companion. 4° *Sheffield*, 1797.

DAVY, Sir Humphry. On the Safety Lamp for Coal Miners, with some Researches on Flame. 8° *London*, 1818.

FORCHHAMMER, G. Om Martörvem og Steonkuldannelsen. 8°.

GRIFFITH, Richard. Geological and Mining Survey of the Connaught Coal District. 8° *Dublin*, 1818.

———. Geological and Mining Report on the Leinster Coal District. 8° *Dublin*, 1814.

HATCHETT, Charles. Observations on the change of the proximate principles of Vegetables into Bitumen, with Experiments on a Substance found with the Bovey Coal. 4° *London*, 1804.

———. Third Series of Experiments on the Substance possessing the properties of Tannin, with remarks on Coal. 4° *London*, 1806.

India. Reports of a Committee for investigating the Coal and Mineral resources of. 8° *Calcutta*, 1838.

———. Abstract of the Proceedings of the Committee on the Coal and Mineral Resources of. fol. *Calcutta*, 1842.

LAILLEVAULT, M. de. Recherches sur la Houille d'Engrais et les Houillères; 2 vols. 12° *The Hague*, 1783.

LYELL C., and Prof. FARADAY. Report on the Explosion at the Haswell Collieries. 8° *London*, 1844.

MORAND. Die Kunst auf Steinkohlen zu bauen [mit Zusätze und Verbesserungen, von *Duhamel du Monceau*]. 4° *Leipsic*, 1771.

Nailsea. Report on the Collieries near. fol. 1811.

OEYNSHAUSEN und VON DECHEN. Ueber den Steinkohlenbergbau in den Niederlanden. 12°.

PHILLIPS, John. Report on the Probability of the occurrence of Coal and other Minerals in the Vicinity of Lancaster. 4° *Lancaster*, 1837.

SCHWEIBNER, Christ. De Ignium Miraculis, Locisque semper ardentibus, singulatim de Carbone Fossili. 4° *Wittenberg*, 1693.

MINING FOR COAL.

SCHULZEN, Chr. F. Ueber den Ursprung und die Nützung der Steinkohlen bey Dresden. 4° *Dresden*, 1759.

SOWERBY, James. On Kimmeridge and other Coals. MS.

Staffordshire. Situation, weekly produce, and quality of Coal of Wednesday, Pelsall, Birchill and Wykin Collieries.

VOIGT, Joh. C. W. Geschichte der Steinkohlen, der Braunkohlen und des Torfes; 2 vols. in 1. 8° *Weimar*, 1802-05.

MINING FOR METALS.

AGRICOLA, Geor. De ortu et causis Subterraneorum, de Natura Fossilium, de Re Metallica, etc. recens. ab J. Sigfrido. 8° *Wittenberg*, 1612.

ANDRADA E SILVA, José Bonifacio de. Memoria sobre as Pesquisas e Laura dos Veios de Chumbo de Chacim, Souto, Ventozello, etc. 4° *Lisbon*, 1818.

BARBA's Art of Metals. See METALS.

BATSCH, A. J. Taschenbuch für Topographische und Mineralogische Excursionen in die umliegende Gegend von Jena; 2 vols. 12° *Weimar*, 1800-02.

Beamten, Berg und Hütten. Abbildung derselben, wie auch der übrigen Bergleuten, in ihren Kleidungen nach der Natur gezeichnet und in Kupfer gestochen nebst einer Beschreibung; von einem Bergmann. 4° *Nuremberg*, 1788.

BEURARD, J. B. Dictionnaire Allemand-Français des Termes propres à l'Exploitation des Mines, à la Minéralurgie et à la Minéralogie. 8° *Paris*, 1809.

Brazilian Mining Association. Reports of the Directors addressed to the Shareholders; 3 vols. 8° *London*, 1826-27.

BRONGNIART, Alex. Traité élémentaire de Minéralogie avec des Applications aux Arts; 2 vols. 8° *Paris*, 1807.

CANCIN, Franz L. Geschichte und systematische Beschreibung der Bergwerke in der Grafschaft Hanau Münzenberg und benachbarten Ländern. 8° *Leipsic*, 1787.

CLAUSSEN, P. Notes Géologiques sur la Province de Minas Geraes, au Brésil.

Copper Mines and Trade. Report from the Committee on the state of the. fol. 1799.

Copper Ores. Proceedings and Report, etc., on obviating the inconvenience of the Smoke in Smelting them; with statement of the Experiments at the Hafod Works. 8° *Swansea*, 1823.

DAUBUISSON, J. F. Des Mines de Freiberg en Saxe et de leur Exploitation; 3 vols. 8° *Leipsic*, 1802.

DELIUS, Christ T. Anleitung zu der Bergbaukunst nach ihrer Theorie und Ausübung; 3 vols. 4° *Vienna*, 1806.

DUFRENOY, J. F. Mémoire sur les Mines de Fer de la partie orientale des Pyrénées. 8° *Paris*, 1834.

—, et ELIE DE BEAUMONT. Voyage Métallurgique en Angleterre. 8° *Paris*, 1827.

MINING FOR METALS.

- FERBER, Joh. J. Ueber die Gebirge und Bergwerke in Ungarn.
8° *Berlin*, 1780.
- FLORENCOURT, Chassot de. Ueber die Bergwerke der Alten.
12° *Göttingen*, 1785.
- FOX, Robert Were. Observations on Mineral Veins. 8° *Falmouth*, 1837.
- France, Mines et Minières de. Edicts, Ordonnances, Arrests et Règlements sur le fait, ordre et police, depuis Charles VI. jusques à Louis XIII.
8° *Paris*, 1631.
- . Another edition. 12° *Paris*, 1764.
- FRITSCHS, J. C. Grounds of Pyrotechnical Metallurgy. See *Pyrotechnical Discourses*.
- GALEOTTI, H. Notice sur un Gîte de Mercure dans le sol tertiaire récent du Gigante au Mexique. 8°.
- GAMBOA, Francisco Xavier de. Comentarios a las Ordenanzas de Minas, dedicados al Catholico Rey, Don Carlos III. fol. *Madrid*, 1761.
- . Commentaries on the Mining Ordinances of Spain, translated from the Spanish by *Richard Heathfield*; 2 vols. 8° *London*, 1830.
- GASCHE, Christ F. Das Wissenswürdige aus der Gebirgskunde.
fol. *Büchenberg*, 1811.
- GELLERT, C. E. Metallurgic Chymistry, being a System of Mineralogy and of all the Arts arising from this Science, translated by *John Seiferth*.
8° *London*, 1776.
- Glasgow, Corporation of. Further Information connected with its Mineral Property. 8° *Glasgow*, 1839.
- GOBET, M. Collection de [Mémoires par les] Anciens Minéralogistes du Royaume de France, avec des notes; 2 vols. 8° *Paris*, 1779.
- HASSENFRATZ, J. H. La Sidérotechnie, ou l'Art de traiter les Minéraux de Fer pour en obtenir de la Fonte, du Fer, ou de l'Acier; 4 vols.
4° *Paris*, 1812.
- HAUSMANN, Jo. F. L. De usu Experientiarum Metallurgicarum ad Disquisitiones Geologicas adjuvandas. 4° *Göttingen*, 1838.
- HAWKINS, Sir Christopher. Observations on the Tin Trade of the Ancients in Cornwall, and on the "Ictis" of Diodorus Siculus.
8° *London*, 1811.
- HEADRICK, Jas. View of the Mineralogy, Agriculture, Antiquities, &c. of the Island of Arran. 8° *Edinburgh*, 1807.
- HELMS, Ant. Z. Voyage dans l'Amérique Méridionale de Buenos-Ayres à Lima [relatif particulièrement aux Mines]. 8° *Paris*, 1815.
- HENWOOD, W. J. Lecture on the Phænomena of Metalliferous Veins. 1836.
- HETON, Rev. T. Some Account of Mines, and the Advantages of them, with an Appendix on the Mine Adventure in Wales.
8° *London*, 1707.
- HORNIUS, Casp. H. De Metallifodinarum Jure. 4° *Wittenberg*, 1703.
- HOUGHTON's Compleat Miner. See *Metals*.
- HUMBOLDT, Baron de. Selections from his Works, relating to the Climate, Inhabitants, Productions and Mines of Mexico, with Notes by *John Taylor*. 8° *London*, 1824.

MINING FOR METALS.

KARSTEN, C. J. B. *Handbuch der Eisenhüttenkunde*; 2 vols.

8° *Halle*, 1816.

Kunst-wörter und Redensarten bey Bergwerken und Hütten-Arbeiten,
Erklärung derselben.

12° *Helmstadt*, 1802.

LEHMANN, J. G. *Traité de Physique, de Minéralogie, etc.*, traduits
de l'Allemand; 3 vols.

12° *Paris*, 1759.

Tom. 1. *L'Art des Mines.*

Tom. 2. *Sur la formation des Métaux.*

Tom. 3. *Histoire Naturelle de Couches de la Terre.*

LEITHART, John. *Observations on the Mechanical Structure, Mode
of Formation, Repletion, and the Intersection and Relative Age of
Mineral Veins.*

8° *London*, 1838.

LEMON, Sir Charles. *Statistical Tables of the Mines of Cornwall.*

4° 1838.

LESCHÉVIN, P. X. *Table Analytique des Matières des XXVIII. pre-
miers volumes du Journal des Mines.*

8° *Paris*, 1813.

MATHIEU, C. L. *Code des Mines ou Recueil des Loix et Règlemens
tant anciens que modernes.*

12° *Paris*, 1810.

MAWE. *On a Gold Mine in South America.* MS.

Metals, Mines and Minerals. *Collection of Scarce Treatises on,
namely, Barba's Art of Metals, translated by the Earl of Sandwich.
—Platte's Discovery of Subterranean Treasure.—T. Houghton's
Compleat Miner.*

12° *London*, 1738.

Midland Mining Commission. *Report for South Staffordshire of.*

fol. *London*, 1843.

Mine-Adventure. *A Familiar Discourse, or Dialogue concerning,
[with a List of all the Adventurers].*

8° *London*, 1700.

Miner's Guide, containing the Articles and Customs of the High Peak
and Wapentake, Derbyshire, from the Works of Hardy and Hough-
ton, with a copy of the Inquisition at Ashburn, in 16th Edward I.

8° *Wirksworth*, 1810.

Mining Instruments and Apparatus. *Names of, and the Provincial
Names of Mineral Substances.* MS. fol.

MONNET, M. *Description de la Nature et de la Qualité des Mines.*

12° *London*, 1772.

MUSHET, David. *Papers on Iron and Steel, practical and experimental,
with illustrative Notes.*

8° *London*, 1840.

NEWBOLD, Lieut. *Mineral Resources of Southern India.* 8°.

PFORT, C. *Gusseiserne Stichheerde zu Veckerhagen.* 8° 1841.

Der Flammofenbetrieb mit brennbaren Gasen zu Vecker-
hagen. 8° 1841.

PINI, Ermenegildo. *Sopra alcuni Miglioramenti all' Amalgamazione
delle Materie Aurifere ed Argentifere.* 4° *Modena*, 1805.

PLATTE'S Discovery of Subterranean Treasure. *See Metals.*

Preussischen Staaten. *Abhandlung über die Produkte des Mine-
ralreichs.* 8° *Berlin*, 1786.

MINING FOR METALS.

PRYCE, William. Treatise on Minerals, Mines and Mining, containing the Theory and Natural History of Strata, Fissures and Lodes, etc., with an Explanation of the Terms and Idioms of Miners.

fol. London, 1778.

Pyrotechnical Discourses. J. Kunkel, Confirmation of Chymical Philosophy.—G. E. Stahl on the Original of Metallick Veins.—J. C. Fritschius, Grounds of Pyrotechnical Metallurgy—translated from the Latin.

8° London, 1705.

REINKING, C. Notizen gesammelt bei dem Betriebe des Hohofens, Kupolofens und der Frischfeuer bei Carlshütte.

8° 1841.

REITEMEIER, Joh. F. Geschichte des Bergbaues und Hüttenwesens bey den alten Völkern.

12° Göttingen, 1785.

SADLER, John. On the Dislocation of Veins. MS.

1814.

SCHMIDT, Joh. C. L. Theorie der verschiebungen älterer Gänge, mit Anwendung auf den Bergbau.

8° Frankfort, 1810.

SCHREIBERS, Carl von. Geschichte und Kenntniss meteorischer Stein- und Metall-Massen.

fol. Vienna, 1820.

SCRIVENOR, Harry. The Iron Trade, tracing its rise and progress, with its present state.

4°.

SILVA E ANDRADA, José Bonifacio de. Memoria sobre a nova Mina de Ouro da outra banda do Tejo.

4° 1817.

SIQUEIRA FRAGOSO DE, J. P. Description de tous les Travaux tant d'Amalgamation que des Fonderies dans les Ateliers de Halsbrueck, près de Freyberg.

4° Dresden, 1800.

SOPWITH, Thomas. Geological Sections of Holyfield, Hudgill Cross Vein, and Silver Band Lead Mines in Alston Moor and Teesdale.

4° Newcastle, 1829.

———. Account of the Mining Districts of Alston Moor, Wear-dale and Teesdale, in Cumberland and Durham.

12° Alnwick, 1833.

———. The National Importance of preserving Mining Records.

8° London, 1844.

SPERGE, Jos. von. Tyrolische Bergwerksgeschichte.

8° Vienna, 1765.

STAHL, G. E. On the Original of Metallick Veins. See *Pyrotechnical Discourses*.

STROM, H. C. Parallel between the British and the Continental Methods of Copper Smelting.

8° London, 1835.

TAYLOR, John. On the Use of Sand in Blasting Rocks. MS.

———. Records of Mining. Part 1. [All published].

4° London, 1829.

———. Account of the North Carolina Gold Mines. fol.

THOMAS, Rd. Survey of the Mining District of Cornwall from Chase-water to Camborne.

4° London, 1819.

ULLMANN, Joh. C. Beobachtungen über die Gebirge Grubenbaue und Hüttenwerke der Hessen-Casselschen Landschaft an der Edder.

8° Marburg, 1803.

UNWIN, Geo. Letters, Remarks, etc. on a Trade in Tin from Cornwall to India, Persia and China.

8° London, 1790.

MINING FOR METALS.

VILLEFOSSE, A. M. Héron de. De la Richesse Minérale. Considérations sur les Mines, Usines et Salines des différens Etats [sous les Divisions Economique et Technique]; 3 vols. 4° and folio Atlas of Plates. Paris, 1819.

Virgin Gorda Mines [West Indies], Report and Appendix.

8° London, 1842.

VIRLET, d'Aoust. Mémoire sur les Filons en général, etc. 8° 1844.

VIRLET, Théod. Coup d'Œil sur la Métallurgie dans ses rapports avec l'Industrie, la Civilisation et la Richesse des Peuples. 8° Paris, 1837.

VIVIAN, John H. Description of the Process of Amalgamation.

4° London, 1825.

VOIGT, Joh. C. W. Mineralogische und bergmännische Abhandlungen, 2nd vol. 12° Leipsic, 1789.

———. Praktische Gebirgskunde. 8° Weimar, 1797.

———. Mineralogische Reise nach den Braunkohlenwerken und Basalten in Hessen. 18° Weimar, 1802.

VOLKELT, Joh. G. Nachrichten von Schlesiſchen Bergwerken.

8° Bresslau, 1775.

WAGNER, Tho. Ueber die Chursächsische Bergwerksverfassung.

8° Leipsic, 1787.

WERNER, Abraham G. Theory of the Formation of Veins, with its application to the Art of Working Mines, translated, with notes, by Chas. Anderson, M.D. 8° Edinburgh, 1809.

———. Bergværkskundskabernes Omfang og Afdeeling, oversat af H. C. Strom. 8° Trondhjem, 1829.

ORDNANCE SURVEY.

Report of the Commissioners on the Ordnance Memoir of Ireland.

fol. 1844.

PORCELAIN AND CHINA CLAY.

BRONGNIART, Alex. Deux Mémoires sur les Kaolins ou Argiles à Porcelaine. 4° Paris, 1839-41.

SALT MINES.

BUCH, Baron Leopold von. Extracts from his Travels in Silesia, relating to the Salt Mines of Halstadt. MS.

FORBES, Prof. Jas. Account of an intermitting Brine Spring discharging Carbonic Acid Gas, near Kissingen in Bavaria.

8° Edinburgh, 1839.

HASTINGS, Chas., M.D. On the Salt Springs of Worcestershire.

8° Worcester, 1835.

KOCH-STERNFELD, J. E. Ritter v. Die teutschen insbesondere die bayerischen und oesterreichischen Salzwerke, zunächst im Mittelalter.

8° Munich, 1836.

Salzburg. Höhen salzburgischer und anderer benachbarten Berge, Alpen, Ortschaften, Flüsse und Seen.

SLATE QUARRIES.

Llanllechid Slate Quarries, Papers relating to.

fol. 1823.

SPRINGS AND WELLS.

Fox, Rob. W. A paper relative to Springs of water. 8° 1843.

WELLS, ARTESIAN.

AZAÏS. Explication des Puits Artésiens. 8° *Paris*, 1841.

BREDA, Von. Bedenkingen omtrent hel geen ult de, bij de Putboring te Zeist opgebraagte gronden, aangaande den géologischen Aard van den Boden aldaar kan afgelied worden. 8° *Alg. ko. & L. b.*, 1835.

Grenelle. Description du Puit Artésien de. 12°.

HÉRICART DE THURY, Vicomte. Programme d'un Concours pour le percement de Puits Forés, suivant la méthode Artésienne.

8° *Paris*, 1828.

———. Notices sur le Double Puit Foré au Port Saint-Ouen, par M. Flachet. 8° *Paris*, 1829.

———. Recherches sur l'Origine ou l'Invention de la Sonde du Fontenier-Sondeur. 8° *Paris*, 1829.

———. Considérations sur la Théorie des Puits Forés ou Fontaines Artificielles. 8° *Paris*, 1829.

———. Rapport sur le Concours pour le percement des Puits Forés. 8° *Paris*, 1830.

———. Du Dessèchement des Terres Cultivables, sujettes à être inondées. 8° *Paris*, 1831.

———. Rapport sur le Concours pour le percement des Puits Forés. 8° *Paris*, 1831.

MARCEL DE SERRES. Notice sur les Puits Artésiens, dans le midi de la France. 8° *Montpellier*, 1830.

MYLNE, Rob. W. On the Supply of Water from Artesian Wells in the London Basin, etc. 4° 1836.

J.

WORKS ON VARIOUS SUBJECTS RELATING TO
GEOLOGY.

1. GEOLOGICAL BIOGRAPHY.

- BOBLAYE, E. Le Puillon de. Notice sur sa Vie et ses Travaux, par *M. Rozet*. 8° *Paris*, 1844.
- CUVIER. Eloge de, par *C. L. Laurillard*. 8° *Paris*, 1833.
- DOLOMIEU. Notice Historique sur sa Vie et ses Ouvrages, par *M. Lacépède*. 8° *Paris*, 1802.
- HUOT, M. Notice sur le décès de, par *H. Michelin*. 8° 1845.
- HUZARD, J. B. Notices Biographiques sur, par le *Baron de Silvester, F. V. Mérat, et M. Rénault*. 8° *Paris*, 1839.
- . Notice Biographique sur, par *M. L. Bouchard*. 8° *Paris*, 1839.
- KARSTEN. Lobrede auf Karsten, von *L. v. Buch*. 8° *Berlin*, 1814.
- SAUSSURE, Théod. de. Notice sur la Vie et les Ecrits de, par *Macaire*. 8° 1845.
- SMITH, W., LL.D. Author of the "Map of the Strata of England and Wales." Memoir of, by *Prof. J. Phillips*. 8° *London*, 1844.
- WERNER, Ab. G. Lebensbeschreibung, etc., von *S. G. Frisch*. 12° *Leipzig*, 1825.

2. CATALOGUES OF GEOLOGICAL AND MINERALOGICAL
COLLECTIONS, ETC.

- AMMANN, J. C. Catalogue de la Collection de Pétrifications de. 8° *Nuremberg*.
- BANKS, Jos. Catalogus Bibliothecæ suæ Historico-Naturalis à J. Dryander; vol. iv. Mineralogi. 8° *London*, 1799.
- BARTLETT, T. O. Catalogue of his Collection of Stuffed Birds, Fossils, etc. 8° *Swanage*, 1841.

- BENETT, Ethelred.** Catalogue of the Organic Remains of the County of *Wills*. 4° *Warminster*, 1831.
- BIRCH, Colonel.** Catalogue of his Collection of Organized Fossils from *Lyne and Charmouth, Dorsetshire*. 8° 1820.
- BONN.** Verzeichniß der Petrefacten-Sammlung, dem Museo dieser Universität von F. W. Höninghaus überlassenen. 8° *Crefeld*, 1829.
- BORN, Ignatius Eques à.** Index Fossilium quæ ille collegit et in classes ac ordines disposuit. 8° *Praque*, 1772.
- BORDEAUX, Environs de.** Catalogue des Débris Fossiles des Animaux vertébrés et invertébrés, par *M. De Grateloup*. 8° *Bordeaux*, 1838.
- BOURNON, Comte de.** Catalogue de sa Collection Minéralogique fait par lui-même; 2 vols. 8° *London*, 1813.
- British Fossils*, Catalogue of, by John Morris, comprising all the Genera and Species, with references to their Geological Distribution and to the Localities in which they have been found. 8° *London*, 1843.
- CALABRIE.** Catalogo di una Collezione di Rocce delle, di *L. Pilla*. 4°.
- CRAG.** Descriptive Catalogue of the Zoophytes from, by *S. V. Wood*. 8°.
- . Catalogue of Shells from the Crag, by *S. V. Wood*. 8° 1840.
- CRICHTON, Alex. von.** Notizen über seines Mineralien Sammlung (von *J. F. Wagner*). 4° *Moscow*, 1818.
- CRITOFORI, G. di, and G. JAN.** Cataloghi degli Oggetti di Storia Naturale, nel Museo di. 8° *Milan*, 1832.
- Derbyshire.* Catalogue of a Collection of Fossils from, by *White Watson*. 8° *Dublin*, 1805.
- DRÉE, et Marquis de.** Catalogue des huit Collections qui composent son Musée Minéralogique, avec des Notes. 4° *Paris*, 1811.
- . Catalogue de ses Collections Minéralogiques. 8° *Paris*, 1816.
- Dublin.* Catalogue of the Minerals in the Systematic Collection of the Museum, Trinity College, by *W. Stokes*. 8° *Dublin*, 1818.
- EGERTON, Sir Philip Grey.** Catalogue of Fossil Fish in the Collections of Lord Enniskillen and himself. 8° *Chester*.
- FORSTER, Jacob.** Catalogues Raisonnées de ses cinq Collections de Minéraux, etc. 8° *Paris*, 1769–83.
- Harrington Museum.* Catalogue of the Cabinet of Minerals. 8° *Dublin*, 1833.
- Hartz Mountains.* Catalogue of a Collection of Fossils from, translated from the German of *G. S. O. Lasius*. 8° *Dublin*, 1805.
- King's College, London.* Descriptive Catalogue of the Minerals in the Museum, by *H. W. Bristow*. 8° *London*, 1842.
- Liskean Museum.* Description of the Minerals in, by *G. Karsten*, translated by *George Mitchell*; 2 vols. in 1. 8° *Dublin*, 1798.
- MACENERY, John.** Catalogue of his Collection of Fossils, Minerals, Paintings, etc. 8° *Torquay*, 1842.
- MANTELL, Gideon.** Descriptive Catalogue of the Geological Collection in his Museum. 8° *London*, 1834.
- MIDHURST, (Sussex).** Catalogue of Minerals found in the neighbourhood of. MS.

Minerals, List of, with Latin and English Names, etc., by *J. Sowerby*.
8° London, 1819.

Minéraux au Comptoir de Minéraux à Heidelberg, Catalogue des.
8° 1831.

Moscow. *Fischer de Waldheim's* Catalogue Systématique du Muséum de *Paul de Demidoff* [donné à l'Université Impériale de Moscou]; 3 vols.
4° Moscow, 1806-07.

[Vol. i. Catalogue de la Bibliothèque.
Vol. ii. Catalogue des Minéraux et Pétrifications.
Vol. iii. Catalogue des Végétaux et Animaux.]

Petersburg; *St. B. M. Severgin* and *Charles Etter's* systematic description of the Minerals belonging to the Economical Society at.
8° 1815.

PHILLIPS, William. Catalogue of his Cabinet of Minerals.
8° London, 1829.

RAAB, Mlle. Elenore de, Catalogue Méthodique de la Collection des Fossiles de; 2 vols.
8° Vienna, 1790.

Rome, Gabinetto Mineralogico del Collegio Nazareno; descritto secondo i caratteri esterni e distribuito a norma de' principi costitutivi; 2 vols.
8° Rome, 1791.

Royal Institution, Descriptive Catalogue of the British Specimens in the Geological Collection of, by *W. T. Brande*.
8° 1816.

Scarborough, Descriptive Catalogue of the Minerals and Fossil Organic Remains of.
8° Scarborough, 1816.

SCHLOTTHEIM, Baron von. Systematisches Verzeichniss seiner Petrefacten-Sammlung.
8° Gotha, 1832.

SIRR, H. C. Catalogue of his collection of Organic Remains, by *F. M'Coy*.
8° Dublin, 1841.

TONDI, Matteo. Catalogo delle sue Collezioni Orittologica ed Oreognostica.
8° Naples, 1837.

Turin. Catalogue Raisonné du Musée d'Histoire Naturelle de, Partie Minéralogique; tome 1er, par *Etienne Borson*.
8° Turin, 1811.

United Service Museum. Catalogue of the Minerals, by *H. Stutchbury*.
8° London, 1837.

Verona. Ichthiolitologia Veronese del *Museo Bozziano* ora annesso a quello del Conte Giovambattista Gazola, e di altri Gabinetti di Fossili Veronesi, con la versione Latina.
fol. Verona, 1796.

———. *Spada, Joan. J.* Corporum Lapidefactorum Agri Veronensis Catalogus.
4° Verona, 1744.

3. COSMOGONY, AND THEOLOGICAL TREATISES CONCERNING GEOLOGICAL PHENOMENA.

- ARBUTHNOT, J., M.D. Examination of Woodward's Account of the Deluge, etc. 8° *London*, 1697.
- BEKE, Charles T. Origines Biblicæ, or Researches in Primæval History. 8° *London*, 1834.
- BUCKLAND, Rev. W. Vindiciæ Geologicæ, or the Connexion of Geology with Religion explained. 4° *Oxford*, 1820.
- BURNET, Thomas. The Theory of the Earth, its Original and the General Changes it hath undergone, or is to undergo. fol. *London*, 1684.
- . The Sacred Theory of the Earth, containing an Account of its Original and its General Changes; 2 vols. 8° *London*, 1719.
- CATCOTT, A. Treatise on the Deluge, containing remarks on Bishop Clayton's account, Explanation of the Scripture History, Collection of the Heathen Accounts, and the Natural Proofs of the Deluge. 8° *London*, 1761.
- COCKBURN, W., D.D. The Creation of the World, addressed to R. I. Murchison, Esq. 4° *London*, 1840.
- CROFT, Herbert, Bishop of Hereford. Animadversions upon Burnet's Theory of the Earth. 12° *London*, 1685.
- DOUGLAS, James. Dissertation on the Antiquity of the Earth. 4° *London*, 1785.
- Essays, in a Letter from Oxford to a Nobleman in London [On the Creation, Flood, etc.]. 8° *London*, 1695.
- HARRIS, John. Remarks on some late Papers relating to the Universal Deluge, and to the Natural History of the Earth. 8° *London*, 1697.
- KEILL, J. Examination of Burnet and Whiston's Theories of the Earth, with Dissertation on the Figures of the Celestial Bodies, by *M. de Maupertuis*. 8° *Oxford*, 1734.
- KIDD, J., M.D. Geological Essay on the imperfect Evidence in support of a Theory of the Earth, deducible from its general Structure, or from the Changes on its Surface. 8° *Oxford*, 1815.
- MARCEL DE SERRES. Sur les Différences des Dates données par les Traditions et les Faits Géologiques. 8° *Toulouse*, 1835.
- RAY, John. Three Physico-Theological Discourses; on the Primitive Chaos and Creation, the General Deluge, and the Future Dissolution of the World. 8° *London*, 1732.
- SMITH, John Pye, D.D. On the Relation between the Holy Scriptures and some parts of Geological Science. 8° *London*, 1839.
- . ——. Second Edition. 12° *London*, 1840.
- . ——. Third Edition. 12° *London*, 1843.
- Telliamed, ou Entretiens d'un Philosophe Indien avec un Missionnaire Français, sur la Diminution de la Mer, la Formation de la Terre, l'Origine de l'Homme, etc. (par — *De Maillet*); 2 vols. 8° *Amsterdam*, 1748.
- WALLERIUS, Joh. G. De Origine Mundi in primis Geocosmi ejusdemque metamorphosi. 8° *Stockholm*, 1779.

- WELCH, W. *Religiosa Philosophia, or a new Theory of the Earth, in unison with the Mosaic Account of Creation, with Appendix on the Plurality of Inhabited Worlds.* 8° *Plymouth*, 1822.
- WHISTON, William. *New Theory of the Earth [wherein the Mosaick History is shown to be agreeable to Reason and Philosophy].* 8° *London*, 1696.
- . Second Edition. 8° *Cambridge*, 1708.
- . Third Edition. 8° *London*, 1722.
- WHITEHURST, John. *Inquiry into the Original State and Formation of the Earth. Second edition.* 4° *London*, 1786.
- . *Works, with Memoirs of his Life and Writings.* 4° *London*, 1792.
- WOODWARD, J., M.D. *Essay towards a Natural History of the Earth.* 8° *London*, 1695.
- . *The Natural History of the Earth illustrated, enlarged and defended [and the Objections of Camerarius, etc. answered], translated by Benjamin Holloway, with an introduction.* 8° *London*, 1726.

4. PHYSICAL GEOGRAPHY AND NATURAL HISTORY WITH REFERENCE TO GEOLOGY.

- AIDE-MÉMOIRE du Voyageur, ou Questions relatives à la Géographie, Physique et Politique, etc. 12° *Paris*, 1834.
- ATKINS, H. M. *Ascent to the Summit of Mont Blanc on August 22nd and 23rd, 1837.* 8° *London*, 1838.
- AULDJO, John. *Narrative of an Ascent to the Summit of Mont Blanc, August 1827.* 4° *London*, 1828.
- AUSTRALIAN Views, the North-East Coast. 4°.
- BERGER, Dr. *Letter on the Physical Geography of Guernsey.* MS.
- BUCH, Leopold von. *Description Physique des Iles Canaries, Atlas.* fol. *Paris*, 1824.
- BURKART, Jos. *Aufenthalt und Reisen in Mexico in 1825–34, mit einem Vorworte von J. Nöggerath, 1st Vol.* 8° *Stuttgart*, 1836.
- CATCOTT, Geo. S. *Account of a Descent into Penpark Hole, Westbury-upon-Trim, Gloucester, in 1775.* 8° *Bristol*, 1792.
- CLISSOLD, Fred. *Narrative of an Ascent to the Summit of Mont Blanc, August 18, 1822, with Appendix on the Sensations experienced at great elevations.* 8° *London*, 1823.
- DAUBENY, Charles. *Narrative of an Excursion to the Lake Amsanctus and to Mount Vultur in Apulia.* 8° *Oxford*, 1835.
- DELUC. *Relation de Voyages dans les Alpes du Faucigny.* 12° *Maestricht*, 1776.
- DESMAREST. *Géographie Physique; 4 vols.* 4° *Paris*, 1795–1811.
- DESOR, E. *L'Ascension de la Jungfrau par MM. Agassiz, Forbes, Du Chatelier et Desor.* 8° 1841.
- . *Ascension du Schreckhorn.* 8° *Lausanne*, 1843.

GLACIERS AND GLACIAL PHÆNOMENA.

- Agassiz, L.* Etudes sur les Glaciers, 8° text, and folio Atlas of Plates. *Neuchâtel*, 1840.
- , *et E. Desor.* Récit d'une Course faite aux Glaciers en Hiver. 8° 1842.
- Altmann, Joh. G.* Historische und physische Beschreibung der helvetischen Eisbergen. 8° *Zürich*, 1751.
- Beaumont, Elie de.* Remarques sur deux points de la Théorie des Glaciers. 8° 1842.
- Desor, E.* Compte Rendu des Recherches de M. Agassiz pendant ses deux derniers Séjours a l'Hotel des Neuchâtelois, sur le Glacier inférieur de l'Aar. 8° 1843.
- . Excursions et Séjour de M. Agassiz sur la Mer de Glace du Lauteraar et du Finsteraar. 8° 1841.
- Hopkins, W.* Theoretical Investigations on the Motion of Glaciers. 8° *Cambridge*, 1842.
- Martins, Ch.* Observations sur les Glaciers du Spitzberg, comparés à ceux de la Suisse et de la Norvège. 8° 1840.
- . Remarques et Expériences sur les Glaciers sans Névê de la Chaîne du Faulhorn. 8° 1842.
- Redfield, W. C.* On Ice in the North Atlantic. 8° *New York*, 1844.
- Scotland.* Glaciers and Icebergs in, in Ancient Times [from the Scotsman]. 1845.
- Zschokke.* Reise auf die Eisgebirge des Kantons Bern. 8° *Aarau*, 1813.
- HUMBOLDT, Alex. von.** Ueber Canzocolli, unweit Predazzo in Südtirol. 8° 1822.
- . Bericht über die naturhistorischen Reisen der Herren *Ehrenberg* und *Hemprich* durch Aegypten, Dongola, Syrien, Arabien, etc. 4° *Berlin*, 1826.
- . Voyage aux Régions Equinoxiales du Nouveau Continent fait en 1799–1804, par *Humboldt* et *Bonpland*; 4 vols. 8° *Paris*, 1816.
- . Asie Centrale: Recherches sur les Chaines de Montagnes et la Climatologie comparée; 3 vols. 8° *Paris*, 1843.
- MACKENZIE, Sir Geo. S.** Travels in the Island of Ireland. 4° *Edinburgh*, 1811.
- MARZARI-PENCATI, Gius.** Corsa pel Bacino del Rodano et per la Liguria d'Occidente, contenenda la Orittografia del Monte Coiron. 8° *Vicenza*, 1806.
- PACKE, Christopher, M.D.** Convallium Descriptio: The Origine, Course, Extent, etc. of all the Valleys and Hills, Brooks and Rivers of East-Kent. 4° *Canterbury*, 1743.
- PASUMOT, François.** Voyages Physiques dans les Pyrénées en 1788–89. 8° *Paris*, 1797.
- PENTLAND, J. B.** On the Outline and Physical Configuration of the Bolivian Andes. 8° 1835.
- REDFIELD, W. C.** Account of two visits to the Mountains in Essex County, New York, in 1836–37, and Sketch of the Sources of the Hudson. 8° 1837.

ROSS, Sir John. Appendix to the Narrative of a Second Voyage in search of a North-West Passage [Zoology, Geology, Meteorology, etc.].

4° London, 1835.

———. Answer to Braithwaite's Supplement to Ross's Narrative.

4° London, 1835.

SAÜSSURE, Hor. B. de. Voyages dans les Alpes, avec Essai sur l'Histoire Naturelle de Genève; 4 vols.

4° Neuchâtel, 1779-96.

SCHULTES, J. A. Ausflüge nach dem Schneeberge in Unterösterreich; 2 vols.

12° Vienna, 1807.

SCHUSTER. Beschreibung des Stemmer Berges. 8°.

SPALLANZANI. Voyages dans les deux Siciles et dans quelques parties des Apennins, traduits par G. Toscan, avec des Notes de Faujas de St. Fond; 6 vols.

8° Paris, 1800.

TOZZETTI, Gio. Targioni. Relazioni d'alcuni Viaggi fatti in diverse Parti della Toscana, per asservare le produzioni naturali e gli antichi Monumenti di essa (edit. secunda con giunte); 12 vols.

8° Florence, 1768-79.

TROIL, Uno von. Letters on Iceland, containing the Observations on its History, Antiquities, Volcanos, Basaltes, etc., made by Sir Joseph Banks, Dr. Solander, Dr. Lind, etc.

8° London, 1780.

UNCINO Cape, View of. View of the Source of the Acqua Vesuviana and the Remains of a Cypress discovered upright 34 feet below the ground. 4°.

WEISS, Lieut.-Col. Notice relative à la Vue de la Chaîne des Hautes-Alpes prise du Sommet du Mont Rigi, en Suisse.

4° Paris, 1815.

WILSON, Jos. History of Mountains, Geographical and Mineralogical, with a View of the Principal Mountains of the World, by R. A. Riddell; 3 vols.

4° London, 1807-10.

5. PHYSICAL GEOLOGY.—THEORETICAL VIEWS OF GEOLOGY AND GEOLOGICAL PHÆNOMENA.

ANDRÉOSSY, Comte. Mémoire sur les Dépressions de la Surface du Globe.

8° 1826.

BEAUMONT, Elie de. Recherches sur quelques-unes des Révolutions de la Surface du Globe.

8° Paris, 1830.

BISCHOFF, Gustav. Researches on the Internal Heat of the Globe; vol. i.

8° London, 1841.

CORDIER, Louis. Essai sur la Température de l'Intérieur de la Terre.

4° 1827.

CUVIER, le Baron G. Discours sur les Révolutions de la Surface du Globe, et sur les changemens qu'elles ont produits dans le règne animal.

4° Paris, 1826.

———. Réflexions Critiques relatives à son ouvrage "Discours sur les Révolutions de la Surface du Globe," par J. H.

8° Paris.

GRUITHUISEN. Kritik der neuesten Theorien der Erde.

8° *Landshut*, 1838.

HALL, Sir James. Account of Experiments on the Effects of Compression in modifying the Action of Heat. 4° 1805.

———. On the Consolidation of the Strata of the Earth.

4° *Edinburgh*, 1825.

HOFF, Karl E. A. von. Geschichte der durch Ueberlieferung nachgewiesenen natürlichen Veränderungen der Erdoberfläche; 3 vols.

8° *Gotha*, 1822–34.

HOPKINS, Evan. On the Connexion of Geology and Terrestrial Magnetism. 8° *London*, 1844.

HOPKINS, William. Researches in Physical Geology [Introduction and Three Series]. 4° *Cambridge and London*, 1835–42.

HUTCHINSON, Graham. Essays on Unexplained Phænomena [Astronomical, Meteorological and Geological]. 12° *Glasgow*, 1838.

HUTTONIAN and NEPTUNIAN Systems of Geology, Comparative View of [in answer to Playfair's Illustrations]. 8° *Edinburgh*, 1802.

LAMÉTHÉRIE, Jean C. de. Théorie de la Terre, seconde édition, augmentée d'une Minéralogie; 5 vols. 8° *Paris*, 1797.

LUFING, C. F. Table of Change of Level in the Baltic. MS.

Berlin, 1831.

MARCEL DE SERRES. Essai sur la Question de savoir si l'Observation faite dans les Mines du Canada, etc. de Plantes analogues à celles qui vivent maintenant dans les régions Equatoriales, annoncent un changement dans l'inclinaison de l'Ecliptique. 8° 1834.

———. Mémoire sur la Question,—Si des Animaux terrestres ont cessé d'exister depuis l'Apparition de l'Homme, etc. 8° 1834.

NECKER, L. A. Sur quelques rapports entre la Direction de la Stratification et celle des Lignes d'égale intensité Magnétique dans l'Hémisphère Boréal. 8° 1830.

PHILLIPS, Sir Richard. Essays on the proximate Mechanical Causes of the Phænomena of the Universe. 12° *London*, 1818.

———. Essay on the Physico-Astronomical Causes of the Geological Changes on the Earth's Surface, etc., with preface by *W. D. Saull*.

8° *London*, 1832.

PILLA, Leop. Sopra la Produzione delle Fiamme ne' Vulcani.

4° *Lucca*, 1844.

———. Aggiunti al Discorso sopra la Produzione delle Fiamme nei Vulcani. 8° 1844.

———. Application de la Théorie des Cratères de Soulèvement au Volcan de Rocca Monfina dans la Campanie. 4° *Paris*, 1844.

PINI, Ermenegildo. Addizioni al saggio di una nuova Teoria della Terra. 4° *Milan*, 1792.

PINI, Ermenegildo. Riflessioni analitiche sui Sistemi Geologici.

8° *Milan*, 1811.

PLAYFAIR, Dr. Explication sur la Théorie de la Terre par Hutton, avec Réponse [Examen des Systèmes Géologiques, fondés sur le feu et sur l'eau], par *M. Murray*, traduits avec des Notes par *C. A. Basset*; 2 vols. in 1. 8° *Paris*, 1815.

- PORTA, Leonardo. Soluzione di un Problema importantissima in Geologia, ed Esame del Flusso e Riflusso del Mare. 8° *Naples*, 1839.
- PREVOST, Constant. Les Continens actuels ont-ils été, à plusieurs reprises, submergés par la Mer. 4° 1827.
- REIMARUS, J. A. H. Ueber die Bildung des Erdballes und insbesondere über das Lehrgebäude des *Herrn De Luc*. 12° *Hamburg*, 1802.
- LA RIVE, Aug. de, et F. MARCET. Quelques Observations de Physique Terrestre [sur la Température à différentes profondeurs]. 4° *Geneva*, 1834.
- . Analyse du "Traité sur la Chaleur Terrestre" de *M. Poisson*; 2 parts. 8° 1835.
- SCACCHI, A. Osservazioni sulla Maniera come fu seppellita l'Antica Pompei. 8° 1843.
- SMITH, James. On the Last Changes in the Relative Levels of the Land and Sea in the British Islands. 8°
- VIRLET D'Aoust. Notes sur la Géographie Ancienne et sur une dépression de l'Afrique Septentrionale. 8° 1845.
- . Notes sur quelques phénomènes de déplacements moléculaires dans les roches. 8° 1845.
- ZEUNE, August. Ueber Basaltpolarität. 12° *Berlin*, 1809.

6. GENERAL WORKS.

- 4 ANSTED, David T. Geology as a Branch of Education. 8° *London*, 1845.
- . Syllabus of Lectures on Geology and Mineralogy. 8° *London*, 1845.
- BEAUMONT, Elie de. Fragmens Géologiques tirés de *Stenon*, de *Kazwini*, de *Strabon*, et du *Boun-Dehesch*. 8°.
- BERG-GEISTER, Die. 4° 1832.
- BERTRAND, Alex., M.D. The Revolutions of the Globe familiarly described; translated, with notes and appendix, by *S. C. Horry*. 12° *London*, 1835.
- BERTRAND, E. Dictionnaire des Fossiles Propres et Accidentels; 2 vols. in 1. 8° *The Hague*, 1763.
- BOSSI, Luigi. Spiegazione di alcuni Vocaboli Geologici, Litologici, Mineralogici per ordine d'Alfabeto. 12° *Milan*, 1817.
- BREISLAK, Sc. Esame Analitico della sua Opera intitolata "Institutions Géologiques, traduites par *P. J. L. Campmas*" da N. N. 8° *Milan*.
- CAPOCCI, Ernesto. Ricerche sul noto fenomeno delle Colonne perforate dalle Foladi nel Tempio di Serapide. 8°.
- CAUCHY. Lettre sur la marche géologique du Cholera. 1832.
- COQUEBERT. Letter on examining the Bottom of the Sea. MS. 1816.
- CORSI, Faustina. Delle Pietre Antichi Libri quattro. 8° *Rome*, 1828.
- DALE, Samuel. History and Antiquities of Harwich and Dovercourt, with Notes and Observations on its Natural History, Fossils, etc. 4° *London*, 1730.

DARWIN, C. Extracts from his Letters to Professor Henslow.

8° *Cambridge*, 1835.

DRÉE, Marquis de. Description des Monumens en Roches, des Pierres gravées, Gemmes taillées, et Roches et Pierres en plaques polies, de son Musée Minéralogique. 4° 1816.

FORBES, Edward. On the Light thrown on Geology by Submarine Researches. 8° 1844.

Geological Lectures. Outline of the Course of, at Yale College (U. S.).

8° *New Haven*, 1829.

GESNER, Conradus. De omni Rerum Fossilium genere Libri nunc primum editi [Opera J. Kentmanni, Geo. Fabricii, S. Gabelii, Val. Cordi de Halosantho, S. Epiphani, Fr. Rucii et C. Gesneri]. 8° *Zuric*, 1565.

GRONOVIVS, Joh. F. Index Supellectilis Lapidæ. 8° *Leyden*, 1750.

HARLAN, R., M.D. Medical and Physical Researches, or Original Memoirs in Medicine, Surgery, Geology, etc. 8° *Philadelphia*, 1835.

HAUSMANN, Jo. F. L. De Origine Saxorum per Germaniam Septentrionalem dispersorum. 4° *Göttingen*, 1831.

HENKELIUS, Joh. F. Idea Generalis de Lapidum Origine.

12° *Dresden*, 1734.

HIBBERT, S., M.D. Observations on the Theories relating to the Vitrified Forts of Scotland. 4° 1825.

———. Notice of the Discovery of Vitrified Remains at Elsness in the Island of Sanday, Orkney. 4° 1831.

HÖNINGHAUS, F. W. Geognostische Eintheilung seiner Versteinerungssammlung (2nd vol.). 8°.

HOMBERG, Baron d'. Mémoire sur la Formation d'un Cabinet d'Amateur et d'une Collection Géologique des Cavernes. 8°.

HUMBLE, W., M.D. Dictionary of Geology and Mineralogy, comprising such terms in other branches of Natural History as are connected with the study of Geology. 8° *London*, 1840.

KEFERSTEIN, Christian. Tabellen über die vergleichende Geognosie.

4° 1825.

LAURANCE, John. Geology in 1835: a Sketch of its Progress, Leading Features, and the Latest Discoveries. 12° *London*, 1835.

LEONHARD, C. C. von. Agenda-geognostica: Hülfsbuch für reisende Gebirgsforscher und Leitfaden. 16° *Heidelberg*, 1829.

MACCULLOCH, John, M.D. System of Geology, with a Theory of the Earth, and an explanation of its connexion with the Sacred Records; 2 vols. 8° *London*, 1831.

MEYER, Hermann von. Tabelle über die Geologie. 8° *Nuremberg*, 1833.

PETZOLDT, A. Erdkunde: Geologie, ein Versuch über den Ursprung der Erde und ihre allmähliche Umänderung bis auf den heutigen Tag. 8° *Leipsic*, 1840.

PILLA, Leopoldo. Discorso intorno ai Progressi ed allo stato presente della Geologia. 8° *Naples*, 1840.

POTT, M. J. Lithogéognosie, ou Examen Chymique des Pierres et des Terres, avec Continuation, traduit de l'Allemand; 2 vols. 12° *Paris*, 1753.

QUOY et GAIMARD. Sur l'Acroissement des Polypes Lithophytes, considéré géologiquement. 8° 1825.

RASPE, Rud. E. Specimen Historiæ Naturalis Globi Terraquei, præcipue de novis e mari natis Insulis. 8° *Amsterdam*, 1763.

REINWARDT, Casparus G. C. Oratio de Geologiæ Ortu et Progressu. 4° *Leyden*, 1833.

ROBERTS, George. Etymological and Explanatory Dictionary of the Terms and Language of Geology. 12° *London*, 1839.

———. Account of the Landslip of Dowlands and Bindon at Axmouth near Lyme Regis. 8° *Lyme*, 1840.

SCHAFHAEUTL, Karl. Die Geologie in ihrem Verhältnisse zu den übrigen Naturwissenschaften. 4° *Munich*, 1843.

SCHUCHZERUS, J. J. Lapidum Figuratorum Nomenclator auctus a J. T. Klein. 4° *Dantzic*, 1740.

SCHMIEDER, Carl. Die Geognosie nach chemischen Grundsätzen dargestellt. 8° *Leipsic*, 1802.

SCHROETER, Joh. S. Ueber den inneren Bau der See- Erd- und Fluss-Schnecken. 4° *Frankfort*, 1783.

SOPWITH, T. Treatise on Isometrical Drawing, as applicable to Geological and Mining Plans, Delineations of Ornamental Grounds, Buildings and Machinery, and to general purposes of Civil Engineering. 8° *London*, 1834.

SWEDENBORGIIUS, Eman. Opera ; 3 vols. fol. *Dresden*, 1734.

Vol. i. Principia Rerum Naturalium Phænomena.

Vol. ii. Regnum Subterraneum sive Minerale : de Ferro, etc.

Vol. iii. Regnum Subterraneum : de Cupro et Orichalco, etc.

———. Miscellanea Observata, circa Res Naturales, præsertim Mineralia, Ignem, et Montium strata. 8° *Leipsic*, 1722.

Vestiges of the Natural History of Creation ; 4th edition. 8° *London*, 1845.

———. Explanations, etc. by the Author of the 'Vestiges.' 8° *London*, 1845.

VIRLET, Théod. Lettre sur le Déluge de la Samothrace. 8°.

WATSON, John S. Geology, a Poem, in seven Books. 12° *London*, 1844.

WERNER, Ab. G. On the Geological System of. 8° *London*, 1813.

WINCH, Nat. J. On the Distribution of the Indigenous Plants of Northumberland and Durham, as connected with the Geological Structure of those Counties. 4° 1830.

THIRD DIVISION.

MISCELLANEOUS BOOKS.

K.

ASTRONOMY, METEOROLOGY, MECHANICS
AND GENERAL PHYSICS.

- ALEXANDRE, Jacques. *Traité du Flux et Reflux de la Mer.* 18° *Paris*, 1726.
- Almanac, Nautical, and Astronomical Ephemeris for 1834 and 1835; 2 vols. 8° *London*, 1833.
- BABBAGE, Charles. *Table of the Logarithms of the Natural Numbers from 1 to 108,000.* 8° *London*, 1831.
- . *On the Economy of Machinery and Manufactures.* 8° *London*, 1832.
- BAILY, Francis. *Account of the Rev. John Flamsteed, the first Astronomer Royal, compiled from his own Manuscripts, etc., with his "British Catalogue of Stars" corrected and enlarged.* 4° *London*, 1835.
- . *Supplement.* 4° *London*, 1837.
- BEAUFOY, Colonel Mark. *Nautical and Hydraulic Experiments, with numerous Scientific Miscellanies; vol. i.* 4° *London*, 1834.
- BELCHER, Edward. *Treatise on Nautical Surveying.* 8° *London*, 1835.
- BIGOT DE MOROGUES, P. M. S. *Mémoire sur les Chutes des Pierres, tombés sur la surface de la Terre à diverses époques.* 8° *Orleans*, 1812.
- BLAGDEN, Charles, M.D. *Experiments and Observations in an heated Room.* 4° 1774.
- . *On the Heat of the Water in the Gulf-Stream.* 4°
- , and E. NAIRE. *Proceedings relative to the Accident by Lighting at Heckingham.* 4° *London*, 1783.
- BOSTOCK, John, M.D. *On the Purification of Thames Water.* 4° *London*, 1829.
- CACCIATORE, Nicolao. *De redigendis ad unicam seriem comparabilem Meteorologicis Observationibus.* 4° *Panormo*, 1832.
- COUDRAYE, Chev. de la. *Théorie des Vents.* 8° *Fontenay*, 1786.

- ENGLEFIELD, Sir Henry C. Method of determining Altitudes with a portable Barometer. 8° London, 1811.
- FARADAY, Michael. On a peculiar Class of Acoustical Figures, etc. 4° London, 1831.
- FENWICK, Thomas. Four Essays on Practical Mechanics [on Water-Wheels, the Common and Improved Steam-Engine, Mills, and the simplification of Machinery]. 8° Newcastle, 1802.
- FORSTER, Thomas. Researches about Atmospheric Phænomena, third edition, with the Calendar of Nature. 8° London, 1823.
- . Sur l'Influence des Comètes sur les Phénomènes de l'Atmosphère. 8° Aix-la-Chapelle, 1836.
- GORDON, Alex. Treatise upon Elemental Locomotion by means of Steam Carriages on Common Roads. 8° London, 1832.
- GUETTARD. Mémoires sur différentes Parties des Sciences et Arts; 5 vols. 4° Paris, 1768.
- HANSTEEN, Christ. Untersuchungen über den Magnetismus der Erde, übersetzt von P. Treschow Hanson (mit einem Atlas). 4° Christiania, 1819.
- HASSLER, F. R. Comparison of Weights and Measures of Length and Capacity. 8° Washington, 1832.
- . Documents on the Construction of Standards of Weights and Measures for the Custom Houses. 8° New York, 1835–36.
- HAÜY, Abbé. Traité Élémentaire de Physique; second edit.; 2 vols. 8° Paris, 1806.
- HERSCHEL, Sir John F. W. Treatise on Astronomy. 12° London, 1833.
- . Instructions for making Meteorological Observations in Southern Africa, etc. 8°
- . On the Absorption of Light by Coloured Media. 8° 1833.
- . Micrometrical Measures of 364 Double Stars with a seven-foot Equatorial Achromatic Telescope. 4° London, 1832.
- . Supplement: on the Investigation of the Orbits of Revolving Double Stars. 4° London, 1832.
- . List of Test Objects, principally Double Stars, arranged in Classes. 4° London, 1834.
- . Observations of Nebulæ and Clusters of Stars, with a twenty-foot Reflector. 4° London, 1833.
- . On the Satellites of Uranus. 4° London, 1834.
- HOMBRES-FIRMAS, Baron L. A. de. Recueil de Mémoires de Physique, de Météorologie, d'Agriculture et d'Histoire Naturelle. 8° Nismes, 1838.
- HOSKINS, S. E., M.D. Tables for the Extemporaneous Application of Corrections for Temperature to Barometric Observations. 8° Guernsey, 1842.
- Hudson's Bay. Meteorological Observations made at Nelson Encampment, lat. 57°30, long. 93 west. MS. 1811–12.
- KERIGAN, Thomas. Practical Treatises on Eclipses, the Anomalies of the present Theory of the Tides, etc. 8° London, 1844.
- Kinfauns Castle. Meteorological Tables from the Register there. 1814–15.

- Kinfauns Castle*. Scale of the Barometer and Thermometer there. 1814.
- KLEIN, J. T. *Descriptiones Tubulorum Marinorum, secundum dispositiones Musei Kleiniani: addita est Diss. de Pilis Marinis.* 4° *Dantzic*, 1731.
- LAMONT, J. Ueber das magnetische Observatorium der Königl. Sternwarte bei München. 4° *Munich*, 1841.
- LA PLACE, Pierre Simon. *Exposition du Système du Monde*; 2 vols. 8° *Paris*, 1796.
- Levels of Canals, etc. in the South of England. MS.
- Locknell House*, Lat. 56°31'. Memorandum of Thermometer there. MS. 1818-23.
- LUBBOCK, Sir John W. *On the Heat of Vapours, and on Astronomical Refractions.* 8° *London*, 1840.
- LUCCIO, Vincenzo di. *Treatise on the Currents in the Gulf of Venice.* 8° *London*, 1806.
- MACNEILL, John. *Canal Navigation: on the Resistance of Water to the passage of Boats upon Canals, etc.* 4° *London*, 1833.
- MAUPERTUIS, M. de. *The Figure of the Earth determined from observations made by order of the French King at the Polar Circle, translated from the French.* 8° *London*, 1738.
- MAZZARI PENCATI, Gius. *Descrizione del Tachigonometro, nuovo strumento Geodetico.* 4° *Milan*, 1811.
- MITCHELL, T. L. *Outlines of a System of Surveying for Geographical and Military purposes.* 12° *London*, 1827.
- MOORE, J. Hamilton. *The Practical Navigator.* 8° *London*, 1772.
- OWEN, W. F. W. *Tables of Latitudes and Longitudes by Chronometer of places in the Atlantic and Indian Oceans, with Essay on Chronometers by R. Owen.* 4° *London*, 1827.
- PAGE, Frederick. *Letter on the Comparative merits of Canals and Railways.* 8° *London*, 1832.
- PARRY, Capt., Lieut. H. FOSTER, and Lieut. J. C. ROSS. *Observations made at Port Bowen on the Figure of the Earth, on Magnetism and Atmospheric Refraction.* 4° *London*, 1826.
- PHILLIPS, Sir Richard. *On the Proximate Causes of the Material Phenomena of the Universe.* 8° *London*, 1821.
- PILLA, Leop. *E dissertatione Nicol. Stenonis de Solido intra Solidum naturaliter contento Excerpta.* 8° *Florence*, 1842.
- PINI, Ermenegildo. *Descrizione ed uso di uno Stratimetro.* 4° *Verona*, 1810.
- QUETELET, A. *Annales de l'Observatoire de Bruxelles; tom. i. 2me partie.* 4° *Brussels*, 1837.
- . *Observations sur la Météorologie, le Magnétisme, etc.* 4° *Brussels*, 1841.
- . *Instructions pour l'Observations des Phénomènes Périodiques.* 8° *Brussels*, 1842.
- . *Catalogue des principales Apparitions d'Etoiles Filantes.* 4° 1841.
- REDFIELD, W. C. *On the Courses of Hurricanes, with notices of the Tyfoons of the China Sea, etc.* 8° 1838.

REDFIELD, W. C. Reply to Dr. Hare's Further Objections relating to Whirlwind Storms. 8° 1842.

———. On Tides and the prevailing Currents of the Ocean and Atmosphere. 8° 1843.

RENNIE, George. On the Expansion of Arches. 4°.

———. On the State of Hydraulics, as a branch of Engineering; part II. 8° London, 1835.

RICHARDSON, William. Catalogue of 7385 Stars in the Southern Hemisphere, from Observations at Sir T. M. Brisbane's Observatory at Paramatta, New South Wales. 4° London, 1835.

ROBSON, T. C. Treatise on Marine Surveying. 8° London, 1834.

SABINE, Edward. Observations made at the Magnetical and Meteorological Observatory at Toronto in Canada; vol. i. 1840-41-42.

SADE, Chevalier de. De la Tydologie ou de la Science des Marées; 1re partie. 8° London, 1810.

SAVARY, M. Mémoire sur l'Application du Calcul aux Phénomènes Electro-Dynamiques. 4° Paris.

SCHMITZ, J. W. Indications des Recherches à faire dans l'Astronomie et la Physique. 8° Paris, 1837.

SCHUMACHER, H. C. [Astronomisches] Jahrbuch für 1837. 12° Stuttgart, 1837.

SIMMS, Fred. W. Treatise on the Principles and Practice of Leveling. 8° London, 1843.

STENO, Nicolaus. De solido intra solidum naturaliter contento. 18° Leyden, 1679.

TAGART, Edward. Remarks on Mathematical or Demonstrative Reasoning. 12° London, 1837.

Tunstock Canal. Annual Reports of the Assemblies of the Proprietors for the years 1804 to 1813 and for 1816-17. fol.

TEMPLEMAN, Jos. Table of the Barometer at Newfoundland, 1837.

Tide Tables for Plymouth, Portsmouth, Ramsgate, Sheerness and London. 8° London, 1834.

——— for the English and Irish Channels and the River Thames for the years 1834-40; in 1 vol. 8° London, 1834-39.

——— for the English and Irish Channels and the River Thames for 1841. 8° London, 1840.

Tunnel, Thames. Explanation of the Works of the Tunnel under the Thames, from Rotherhithe to Wapping. 4° London, 1838.

VIRLET, T. Des Comètes en général et de la Formation de leurs Queues. 12° Avesnes, 1835.

WHEWELL, Rev. W. On the Free Motion of Points, and on Universal Gravitation. 8° Cambridge, 1832.

———. Astronomy and General Physics considered with reference to Natural Theology [Bridgewater Treatise]. 8° London, 1833.

———. On the Progress of the Mathematical Theories of Electricity, Magnetism and Heat. 8° London, 1836.

———. Remarks on an Article on "Baily's Account of Flamsteed" in the Quarterly Review. 8° Cambridge, 1836.

———. An account of his Researches on the Tides. 8° 1838.

- WHEWELL, Rev. W.** History of the Inductive Sciences, from the earliest to the present times; 3 vols. 8° *London*, 1837.
- . The Philosophy of the Inductive Sciences, founded upon their History; 2 vols. 8° *London*, 1840.
- WOODLEY, William.** The Practical Almanac and Ephemeris; 2 nos. 12° *London*, 1839–40.
- WOOLHOUSE, W. S. B.** Tables of Continental Lineal and Square Measures. 8° *London*, 1836.
- WRONSKI, Höné.** Course of Mathematics, translated from the French. 4° *London*, 1821.
- . Supplément à son Adresse au Bureau des Longitudes. 8° *London*, 1821.
- ZŁYSZNERA, L.** Pomiar Barometryczny zupy Bochenskiej. 8° 1843.

L.

CHEMISTRY.

- ACCUM, Fred. Practical Treatise on Gas-Light. 8° London, 1815.
- AMICI, Vincenzo. Memoria sul Problema dell' Equilibrio delle Volte. 4° Modena, 1833.
- BADDELEY, Lieut. On the red colour of flame produced by Strontian. 8° 1830.
- . A New Instrument for taking Specific Gravities. 8° 1830.
- BERGMAN, Torbernus. Opuscula Physica et Chemica, cura E. B. G. Hebenstreit; 5 vols. 8° Upsal and Leipsic, 1779–88.
- BERTHOLLET. Recherches sur les Lois de l'Affinité. 4° Paris.
- BERZELIUS, J. J. Analysis of Inorganic Bodies, translated by G. O. Rees. 12° London, 1833.
- BERZELIUS, J., and Alex. MARCET. Experiments on the Alcohol of Sulphur, or Sulphuret of Carbon. 4° London, 1813.
- BLAGDEN, Charles. Observations on Ancient Inks, and on recovering the legibility of decayed Writings. 4° 1787.
- . Experiments on the Cooling of Water below its Freezing Point. 4° 1788.
- . On the Effects of various Substances in lowering the point of Congelation in Water. 4° 1788.
- BOSTOCK, John, M.D. Account of the History and Present State of Galvanism. 8° London, 1818.
- BRANDE, W. T. On the State in which Spirit exists in Fermented Liquors. 4° London, 1811.
- . Observations on an Astringent Vegetable Substance from China. 4° London, 1817.
- CHILDREN, John G. Account of Experiments with a large Voltaic Battery. 4° London, 1815.
- . Essay on Chemical Analysis, chiefly translated from the "Traité de Chimie Élémentaire" of L. J. Thenard. 8° London, 1819.
- DAUBENY, C., M.D. Supplement to the Introduction to the Atomic Theory. 8° London, 1840.
- DAVIES, Richard, M.D. Tables of Specific Gravities from various Authors, with Remarks. 4° London, 1750.
- DAVY, Sir Humphry. Introductory Discourse on Chemistry. 8° London, 1802.
- . On the Decomposition of the Fixed Alkalies, etc. 4° London, 1808.

- DAVY, Sir Humphry. Researches on the Oxymuriatic Acid and the Elements of the Muriatic Acid. 4° London, 1810.
- . On a Combination of Oxymuriatic Gas and Oxygen Gas. 4° London, 1811.
- . On some Combinations of Phosphorus and Sulphur, etc. 4° London, 1812.
- . Further Observations on a new Detonating Substance. 4° London, 1813.
- . On Substances produced in different Chemical Processes on Fluor Spar. 4° London, 1813.
- EGAN, T., M.D. On the Nature of Gravelly and Calculous Concretions in the Human Subject, and the Effects of Alkaline and Acid Substances on them. 4° Dublin, 1805.
- FARADAY, Michael. Chemical Manipulation, being Instructions to Students on the methods of performing experiments. 8° London, 1827.
- . Experimental Researches in Electricity; 18 Series. 4° London, 1832–38.
- . On the Magneto-electric Spark and Shock, etc. 8° 1834.
- . On the general Magnetic Relations and Characters of the Metals. 8° 1836.
- . Reply to Davy's Remarks on his "Researches in Electricity." 8° 1835.
- . On the History of the Condensation of the Gases, in reply to Davy. 8° 1836.
- . On a supposed new Sulphate and Oxide of Antimony. 8° 1836.
- FOURCROY, M. de. Elements of Natural History and of Chemistry, with Supplement, translated [by William Nicholson]; 5 vols. 8° London, 1788–89.
- GEBER, *Rex Arabum*. Summa perfectionis Magisterii in sua natura, etc. [Chymia]. 16° Dantzic, 1682.
- GRANVILLE, A. B., M.D. Reply to Brande's Review of his "Treatise on Prussic Acid." 8° Westminster, 1821.
- GREGORY, W., M.D. Outlines of Chemistry for the use of Students; 2 vols. 12° London, 1845.
- HATCHETT, Charles. Analytical Experiments and Observations on Lac. 4° London, 1804.
- . On an Artificial Substance possessing the Properties of Tan- nin. 4° London, 1805.
- HENRY, W., M.D. Elements of Experimental Chemistry; 2 vols. 8° London, 1810.
- . Analysis of several varieties of British and Foreign Salt (Muriate of Soda). 4° London, 1810.
- HIGGINS, William. Analysis of the Meteoric Stone which fell in the County of Tipperary. 8° Dublin, 1811.
- HUMBOLDT, F. A. von. Aphorismen aus der chemischen Physiologie der Pflanzen, übersetzt von G. Fischer. 8° Leipsic, 1794.
- . Versuche über die chemische Zerlegung des Luftkreises, etc. 8° Bruns- wick, 1799.

- HUNT, Robert. *Treatise on the Art of Photography* including Daguer-réotype, etc. 8° *Glasgow*, 1841.
- KIRWAN, Richard. *Remarks on Mr. Cavendish's Experiments on Air*. 4° *London*, 1784.
- . *Experiments on Hepatic Air*. 4° *London*, 1786.
- LAMING, Richard. *On the Primary Forces of Electricity*. 8° *London*, 1838.
- LEHMANN, Joh. G. *Physikalisch-chemische Schriften, als eine Fortsetzung der Probier-Kunst*. 12° *Berlin*, 1761.
- MORRISON, Lieut. R. J. *Report of the London Electrical Society on his portable Magnetic Electrometer*. 8° 1838.
- NEEDHAM, T. *Letter concerning some Electrical Experiments at Paris*. 4° *Paris*, 1746.
- PARKES, Samuel. *Chemical Catechism, with notes, illustrations, and experiments; fifth edition*. 8° *London*, 1812.
- . *Tenth edition*. 8° *London*, 1822.
- . *Thirteenth edition, revised by E. W. Brayley*. 8° *London*, 1834.
- . *Chemical Essays, principally relating to the Arts and Manufactures of the British Dominions; 5 vols*. 12° *London*, 1815.
- PHILLIPS, Richard. *Remarks on Samuel Parkes' Observations on the Chemical Evidence in the Action of Severn, King and Co., against the Imperial Insurance Company*. 8° *London*, 1821.
- REES, G. O., M.D. *On the supposed existence of Fluoric Acid in certain Animal Matters*. 8° 1839.
- ROSE, Henry. *Manual of Analytical Chemistry, translated from the German by John Griffin*. 8° *London*, 1831.
- SANDIVOGIUS, Michael. *A New Light of Alchymie, taken out of the fontaine of Nature and Manuall Experience, with a Treatise of Sulphur, Also Nine Books of the Nature of Things, by Paracelsus, and a Chymicall Dictionary of hard words, translated from the Latin by J. F., M.D.* 4° *London*, 1650.
- SCHOENBEIN, Prof. (of Bâle). *On a peculiar Voltaic Condition of Iron with Faraday's Experiments*. 8° 1836.
- SMITHSON, James. *On a Substance from the Elm Tree, called Ulmin*. 4° *London*, 1813.
- TENNANT, Smithson. *On an easier mode of procuring Potassium*. 4° *London*, 1814.
- . *On procuring a double Distillation by the same heat*. 4° *London*, 1814.
- THOMSON, Thomas, M.D. *Attempt to establish the first Principles of Chemistry by experiment; 2 vols*. 8° *London*, 1825.
- . *System of Chemistry; 4 vols*. *London*, 1817.
- TILLEY, T. G. *Inaugural Lecture on Chemistry, as a Branch of Medical Study, at Queen's College, Birmingham*. 8° *London*, 1844.
- TURNER, Edward, M.D. *Elements of Chemistry, including the recent discoveries and doctrines of the Science; 3rd, 4th and 5th Editions*. 8° *London*, 1831-34.

TURNER, Edward, M.D. Elements of Chemistry, including the actual state and prevalent doctrines of the Science, edited by *J. Liebig, Wilton, G. Turner, and William Gregory*; sixth edition; 1 vol. in 2.

8° London, 1842.

———. Elements of Chemistry, edited by *J. Liebig and William Gregory*; seventh edition.

8° London, 1840.

WEBSTER, Thomas. On the Anthracite Iron Case. 8° London, 1842.

WOLLASTON, W. H., M.D. On the non-existence of Sugar in the Blood of Persons labouring under Diabetes Mellitus. 4° London, 1811.

———. Synoptic Scale of Chemical Equivalents. 4° London, 1814.

M.

GEOGRAPHY, HYDROGRAPHY AND TRAVELS.

[NOTE.—The books in this class are arranged according to the name of the place described or visited. It has not been thought necessary to repeat here a number of books of travels which have already been catalogued as containing geological information. These may readily be found by looking either at the list of Geological works on limited districts, or are referred to in the general index of reference.]

AFRICA, Central. Report (by *A. Smith*) of the exploring expedition from the Cape of Good Hope in June 1834. 8° *Cape Town*, 1836.

———, West Coast. On the Navigation from Cape Bojador to Mount Souzos, by *Baron Roussin*; translated from the French by *J. Badgley*. 4° *London*, 1827.

———, ——. Navigation from the Isles de Los to Sierra Leone. 8°

ALDERNEY. Observations on *N. Dobree's* Charts of. 4° *London*, 1786.

ALGIERS, Coast of. Description, avec notes par *M. de Tesson*. 8° *Paris*, 1837.

AMAZONS. On the Southern Affluents of, by *T. Hünke*. 8° 1835.

AMERICA, North. *Featherstonhaugh's* Excursion through the Slave States, from Washington on the Potomac to Mexico, with Geological Notices; 2 vols. 8° *London*, 1844.

———. *Bullock's* Sketch of a Journey through the Western States, from New Orleans to New York, with Description of the City of Cincinnati, by *B. Drake* and *E. D. Mansfield*. 12° *London*, 1827.

———. *Lyell's* Travels in; 2 vols. 12° *London*, 1845.

AMERICA, South. Memoir on the Navigation of. 8° *London*, 1825.

———. *Sir A. Caldcleugh's* Travels in, during the years 1819, 1820 and 1821, containing an account of the state of *Brazil*, *Buenos Ayres* and *Chile*; 2 vols. 8° *London*, 1825.

ANTRIM. *Dubourdieu's* Statistical Survey of the County of. 8° *Dublin*, 1812.

ANTWERP. Dictionnaire Géographique de la province d'*Anvers* et du *Luxembourg*; 2 vols. in 1. 8° *Brussels*, 1834–38.

ARACATI OR JAGUARYBE. *Dixon's* Directions for the Bar and River of. 8° *London*, 1832.

ARAFURA SEA. *Earl's* Sailing Directions for. 8° *London*, 1837.

ARCHIPELAGO. *Stewart's* Directions for the Navigation of. 8° 1826.

ASIA MINOR. *Karamania*, or a Description of the South Coast of Asia Minor and of the Remains of Antiquity, by *Capt. Beaufort*, R.N. 8° *London*, 1818.

- ASIA MINOR. *Hamilton's Researches in* ; 2 vols. 8° London.
- . Visit from Wadi Tor to Gebel Nakus, the Mountain of the Bell, Peninsula of Mount Sinai, by *T. J. Newbold*. 8°.
- AUDE. *Essai sur le Département de*, par *C. J. Barante*. 8° Geneva, 1803.
- AUSTRALIA. Three Expeditions into the Interior of Eastern Australia, with Descriptions of Australia Felix and New South Wales, by Major *T. L. Mitchell* ; 2 vols. 8° London, 1838.
- . Journey from Sydney to the Australian Alps, by *John Lhotsky*. 8° Sydney, 1835.
- AUSTRALIAN DIRECTORY, vol. i., containing Directions for the Southern Shores of Australia, from Cape Leeuwin to Port Stephens. 8° London, 1830.
- BAYONNE. *B. Jauréguiburg's* Directions for making and entering the Port of. 8° London, 1831.
- BELGIUM. *Xavier Heuschling's* *Essai sur la Statistique Générale de la Belgique*, publié par *P. Van der Maelen*. 12° Brussels, 1838.
- . ———, with Supplement. 8° Brussels, 1841.
- BRAZIL. Warner and Harris's Sailing Directions for the Coast and Harbours of, and Directions for the River Plate, by *Capt. Heywood*, compiled by *Dessiou*. 8° London, 1818.
- BRITISH ISLANDS. The Light-Houses. 8° London, 1832.
- . ———, corrected to 1844. 8° London, 1844.
- CARNIOLA, ITALY and FRANCE. *W. A. Cadell's* Journey, in 1817–18 ; 2 vols. 8° Edinburgh, 1820.
- CASPIAN SEA. *Tableau des Provinces situées sur la Côte occidentale de la Mer Caspienne, entre les fleuves Terek et Kour*. 4° St. Petersburg, 1798.
- CHESHIRE, LANCASHIRE, and the Peak of DERBYSHIRE. Natural History of, by *Charles Leigh*. fol. Oxford, 1700.
- CHUSAN. General Features of, by *Dr. T. Cantor*. 8° London, 1842.
- COD, CAPE. *Jas. D. Graham's* Report on the Military and Hydrographical Chart of the Extremity of. fol. 1838.
- COMO. *Carlo Amoretti's* *Viaggio da Milano ai laghi di MAGGIORE e LUGANO ed al lago di*. 8° Milan, 1806.
- COREA and the LOO-CHOO ISLANDS. *Capt. Basil Hall's* voyage to. 4° London, 1818.
- CORFU. Light Houses. 8°.
- CORK. Statistical Survey of the County of, by *Hor. Townsend*. 8° Dublin, 1810.
- CRACOW. See *Karpathen*.
- DALRYMPLE, Port, and the river Tamar. *Welsh's* Sailing Directions for. 8° London, 1832.
- DERBYSHIRE. See *Cheshire*.
- DONEGAL. *Dr. McFarlan's* Statistical Survey of the County. 8° Dublin, 1802.
- DOURO RIVER. *Belcher's* Directions for. 8°.
- EDINBURGH Gazetteer, or Geographical Dictionary ; 6 vols. 8° London, 1827.

- ELBA. *Thiébaud de Berneaud's* Voyage à l'Isle d'Elbe et à les autres isles de la Mer Tyrrhénienne. 8° Paris, 1808.
- ELBE AND WESER Rivers. Sailing Directions for the entrances of. 8°.
- ENGLAND. *Dr. Maton's* Observations on the Natural History, etc. of the Western Counties; 2 vols. 8° Salisbury, 1797.
- . Topographical Dictionary of, by *N. Carlisle*; 2 vols. 4° London, 1808.
- . Account of the Trigonometrical Survey, by *Col. Mudge*; 3 vols. 4° London, 1796–1811.
- ENGLISH CHANNEL. *Capt. White's* Sailing Directions for. London, 1835.
- ENGLISH COAST. *J. F. Dession's* Directions for navigating the North Sea, from the Nore to the South Foreland and the Shetland Islands. 8° London, 1816.
- . *E. J. Johnson's* Sailing Directions from Sunderland Point to Berwick, including the Farn Islands. 8° London, 1836.
- ESSINGTON, Port. Report on the proposed Overland Route to. fol. Sydney, 1843.
- FLANDERS. *Van der Maelen's* Dictionnaire Géographique de la Flandre Occidentale et Orientale; 2 vols. in 1. 8° Brussels, 1834–36.
- FLORIDA. *Gauld's* Observations on the Florida Keys, Reef and Gulf, with Sailing Instructions for the Coast of West Florida, etc. 4° London, 1796.
- FRANCE. Géographie de, d'après la division actuelle de son territoire; 2 vols. 8° Paris, 1802.
- . *Lecousturier's* Dictionnaire des Postes aux Lettres du Royaume de, suivi d'un Essai sur la Division Territoriale; 4 vols. 8° Paris, 1817.
- . See *Carniola*.
- FRENCH COAST. Instructions Nautiques sur; Partie des Côtes Septentrionales de France, entre la Pointe de Barfleur et Dunkerque, par *Giery*. 4° Paris, 1842.
- . Mémoire sur les Attérages des Côtes Occidentales de France, etc., par *M. de Vaukello*. 4° Paris, 1833.
- . Exposé des Travaux de la Reconnaissance Hydrographique des Côtes Occidentales de, par *M. Beauteemps-Beaupré*. 4° Paris, 1829.
- . De la Navigation intérieure du Département du Nord et des Travaux du Port de Dunkerque, par *J. Cordier*. 4° Paris, 1828.
- FRENCH LIGHT-HOUSES, translated from the "Description des Phares et Fanaux." 8° 1836.
- GAMBIA RIVER. *Capt. Belcher's* Sailing Directions for. 8°.
- GÉOGRAPHIE UNIVERSELLE. *Malte-Brun's* Précis de, précédé de l'Histoire de la Géographie chez les Peuples anciens et modernes et d'une Théorie de la Géographie Mathématique, Physique et Politique; 5 vols. 8° and 4° Atlas. Paris, 1812.
- GLOCKNER. *Schultes' Reise auf den*; 4 vols. 12° Vienna, 1804.
- GREAT BRITAIN. *Skrine's* Account of all the Rivers of Note in. 8° London, 1801.
- GREENLAND. *Giesecke's* Description of. 4° Edinburgh, 1816.

- GREENLAND. *Gaimard's Voyage en Islande et au.* fol. *Paris.*
- GUERNSEY. *Dobree's Observations on the Channel Islands (including Guernsey).* 4° *London*, 1786.
- GUIANA, BRITISH. Description of, and Account of its resources and capabilities, with its condition and prospects, by *Sir Rob. H. Schomburgh.* 8° *London*, 1840.
- . Observations on its Climate, Soil and Productions, by *Dr. J. Hancock.* 8° *London*, 1840.
- HAINAULT. Dictionnaire Géographique de la Province de. 8° *Brussels*, 1833.
- Hall, *Capt. Basil.* Fragments of Voyages and Travels; 3rd series; 3 vols. 12° *Edinburgh*, 1833.
- HARTZ. *Gottschalck's Taschenbuch für Reisende in den Harz.* 12° *Magdeburg*, 1817.
- HINDOSTAN and the adjacent countries, Geographical, Statistical and Historical Description of. By *Walter Hamilton*; 2 vols. 4° *London*, 1820.
- Ibn Batuta.* The Travels of, translated from the Arabic Manuscript Copies at Cambridge, with Notes, by the *Rev. Samuel Lee.* 4° *London*, 1829.
- ICELAND AND GREENLAND. See *Greenland.*
- INDUS, Eastern Branch of. Memoir of a Map of, with surmises on the route of Alexander the Great, by *Sir A. Burnes.* 4° *Lucpnt*, 1828.
- IRELAND. Topographical Dictionary. 4° *London*, 1810.
- . The Post-Chaise Companion, or Traveller's Directory through. 8° *Dublin*, 1805.
- . Maps of the Bogs of, surveyed by *Richard Griffith, J. Alex. Jones, J. Longfield, T. Townshend, and R. L. Edgeworth*, for the Commissioners on the Bogs of Ireland. fol. 1810–11.
- IRISH COAST. Sailing Directions for the Lower Shannon and for Lough Derg, by *James Wolfe.* 8° *London*, 1843.
- . Sailing Directions for the North-east, North and North-west coasts of, by *W. Mudge and G. A. Frazer.* 8° *London*, 1842.
- . Sailing Directions for Dublin Bay and for the Coast to Strangford, by *W. Mudge.* 8°.
- ITALY. See *Carniola.*
- JAMAICA. Three Months in Jamaica in 1832, by *H. Whiteley.* 8° *London*, 1833.
- KARAMANIA. See *Asia Minor.*
- KARPATHEN, *Central.* Bemerkungen auf eine Reise durch die *Beskiden* über *Krakau* und *Wieliczka* nach den, von *A. v. Sydow.* 8° *Berlin*, 1830.
- LABRADOR. *Lane's* Directions for navigating the Coast of, from Cape Charles to Sandwich Bay, by *Dessiou.* 8° *London*, 1810.
- LADOGA AND ONEGA LAKES. Account of, by *N. Ozeretzkovskago.*
- LANCASHIRE. See *Cheshire.*
- LEGHORN. *Capt. Knight's* Sailing Directions for the Road of. 4° *London*, 1797.

- LEMAN AND OWER SHOALS, Remarks by *W. Hewitt* to accompany a Chart of. 8° 1826.
- LIÈGE. Dictionnaire Géographique de la Province de. 8° *Brussels*, 1831.
- LIMBOURG. See *Namur*.
- LONDONDERRY, County of. Sampson's Statistical Survey of. 8° *Dublin*, 1802.
- . Memoir explanatory of the Chart and Survey of. 4° *London*, 1814.
- . Ordnance Survey of, by Col. Colby, Superintendent. 4° *Dublin*, 1837.
- LOO-CHOO ISLAND AND CORBA. Capt. Basil Hall's account of a voyage of discovery to. 4° *London*, 1818.
- LOUISIANA. *Darby's* Geographical Description of the State of. 8° *Philadelphia*, 1816.
- LUGANO. See *Como*.
- LUXEMBOURG. See *Antwerp*.
- MARTINIQUE, LA. *P. Monnier's* Description nautique des Côtes de. 8° *Paris*, 1828.
- MEXICO. Coup d'Œil sur la Laguna de Chapala, par *H. Galeotti*. 8°.
- NAMUR. Dictionnaire Géographique de la Province du Limbourg et de; 2 vols. in 1. 8° *Brussels*, 1832–35.
- NAPLES. Peregrinazioni in alcuni luoghi del Regno di Napoli, di *Gassone e Tenore*. 8° *Naples*, 1838.
- NETHERLANDS. Observations on the, by *H. Smithers*, comprising *Ostend, Bruges, Ghent, Malines, Antwerp* and *Brussels*. 8° *Brussels*.
- NEWFOUNDLAND. Lane's Directions for navigating the Coast of Newfoundland from Point Lance to Cape Spear, by *J. F. Dessiou*. 8° *London*, 1810.
- . — from Cape Spear to Cape Bonavisto. 8° *London*, 1810.
- . Directions for navigating the Bay of Placentia and the South Coast of Newfoundland, revised by *J. F. Dessiou*. 8° *London*, 1810.
- NORTH SEA. Sailing Directions for the. 8°.
- NORTHAMPTONSHIRE. Natural History of, by *J. Morton*, with account of the Antiquities. fol. *London*, 1712.
- NOVA SCOTIA. Description of, by *A. Lockwood*, including a particular account of the Island of Grand Manan. 4° *London*, 1818.
- ONEGA LAKE AND LAKE LADOGA. See *Ladoga*.
- OWER AND LEMAN SHOALS. See *Leman*.
- OXFORDSHIRE, Natural History of, by *R. Plot*. fol. *Oxford*, 1705.
- PATAGONIA. Sailing Directions for the Coasts of Eastern and Western Patagonia, including the Strait of Magalhaens and the Coast of Tierra del Fuego, by *P. P. King*. 8° *London*, 1832.
- PERSIAN GULF. On the former extent of, and recent union of the Tigris and Euphrates, by *Charles T. Beke*. 8°.
- POLAR SEA, Capt. *Franklin's* Narrative of a Second Expedition to the Shores of, in 1825–27. 4° *London*, 1828.
- PUY-DE-DÔME. Dictionnaire Topographique des Communes du Département du. 18° *Paris*.

- PYRENEES.** Voyages au Mont-Perdu, etc., dans les Hautes-Pyrénées, par *L. Ramond*. 8° *Paris*, 1801.
- RED SEA.** De la Géographie Comparée et de l'Ancien Etat des Côtes de la Mer Rouge, par rapport au Commerce des Egyptiens, par *Rozière*. fol.
- Road Book.** By *W. Brockedon*, from London to Naples [Parts I. and II. London to Turin]. 8° *London*.
- ROSCOMMON.** Statistical Survey of the County of, by *Isaac Weld*. 8° *Dublin*, 1832.
- RUSSIA.** Höhen der Oerter, über der Meeresfläche im Russland, aus Barometer-Beobachtungen, von *Lor v. Pansner*. 8° *Berlin*, 1836.
- ST. LAWRENCE.** *Gould and Dowie's* Instructions for making Gaspé and Mitis and Rimouski in the River of. 8° 1832.
- . *Capt. Bayfield's* Sailing Directions for the Gulf and River of. 8° *London*, 1837.
- SCANDINAVIA.** *Hausmann's* Reise durch, in den Jahren 1806–07; 3 vols. 8° *Göttingen*, 1811–14.
- . Reise fra Christiania til Trondhjem op igjennem Oesterdalen, og tilbage over Dovre samt en Tour til Jemteland, af *Jens Esmark*. 12° *Christiania*, 1829.
- SCOTLAND.** Topographical Dictionary of, and of the Islands in the British Seas; 2 vols. 4° *London*, 1813.
- SICILY.** *Dr. Irvine's* Letters on. 8° *London*, 1813.
- SOUTH SEA ISLANDS.** *Rev. John Williams's* Narrative of Missionary Enterprises in, with Remarks on their Natural History, and the Origin, Languages, Traditions and Usages of the Inhabitants. 8° *London*, 1841.
- SPAIN.** *Capt. Cook's* Sketches in, during the years 1829–32, containing Notices of some Districts little known; 2 vols. 8° *London*, 1834.
- SPANISH COAST.** *V. T. de San Miguel's* Pilot for, containing Directions for navigating the Coasts and Harbours of *Spain*, with the *Balearic Islands* and Coast of *Portugal*, translated by John Dougall. 4° *London*, 1812.
- SWEDEN.** *Dr. Thomson's* Travels in Sweden during the Autumn of 1812. 4° *London*, 1813.
- TAURIDE, LA.** Tableau physique et topographique de, par *P. S. Pallas*. 4° *St. Petersburg*, 1795.
- TEHUANTEPEC, Isthmus of.** *Don J. de Garay's* Survey for establishing a Communication between the Atlantic and Pacific Oceans [under the Direction of Gaetano Moro]. 8° *London*, 1844.
- TIGRIS AND EUPHRATES.** On the recent union of these rivers, and on the former extent of the Persian Gulf, by *Charles T. Beke*. 8°.
- TRINIDAD, Island of.** Account by *F. Mallet*. 4° *London*, 1802.
- UNITED KINGDOM.** Topographical Dictionary of, by *B. P. Capper*. 8° *London*, 1808.
- UNITED STATES.** *Hassler's* Second Volume of the Documents relating to the Survey of the Coast. 8° *New York*, 1835.
- WALES.** Topographical Dictionary of the Dominion of. 4° *Lond.* 1811.

WELSH COAST. *Sheringham, Robinson and Denham's Sailing Directions*
for. 8° *London, 1848.*

WESER. Sailing Directions for the Entrances of the Elbe and. 8°.

WEST INDIA Directory, vol. i., containing Directions for navigating the
Caribbean Sea and the Gulf of Mexico, with descriptions of the Coast of
Colombia, Yucatan, Mexico and Florida. 8° *London, 1829.*

WIELICZKA. See *Karpathen.*

N.

NATURAL HISTORY.

- AGASSIZ, Louis. *Nomenclator Zoologicus, seu Nomina systematica generum animalium, tam viventium quam fossilium.* 4° 1842.
- AZARA, Felix de. *Natural History of the Quadrupeds of Paraguay and the River La Plata, translated, with notes, etc., by W. Perceval Hunter; vol. i. (all published).* 8° *Edinburgh*, 1838.
- BARTON, Benj. S., M.D. *On the Principal Desiderata in Natural History, and on the promoting its study in the United States.* 8° *Philadelphia*, 1807.
- BEUDANT, F. S. *Mémoire sur la possibilité de faire vivre des Mollusques fluviatiles dans les Eaux salées et des Mollusques marins dans les Eaux douces.* 4° 1816.
- BICHENO, J. E. *On Systems and Methods in Natural History.* 4° *London*, 1827.
- BOSTOCK, John, M.D. *Translation of the First and Thirty-third Books of Pliny's Natural History.* 8° *London*, 1828.
- BOWDICH, T. E. *Elements of Conchology, including the Fossil Genera and the Animals; 2 vols. in 1.* 8° *Paris*, 1822.
- BOWLES, Guill. *Histoire Naturelle et Géographie Physique de l'Espagne, traduite par le Vicomte de Flavigny.* 8° *Paris*, 1776.
- BRARD. *Histoire des Coquilles terrestres et fluviatiles des Environs de Paris.* 12° *Paris*, 1815.
- BRAYLEY, E. W. *The Utility of the Knowledge of Nature considered, with reference to the Education of Youth.* 8° *London*, 1831.
- BROCCHI, G. *Saggio di Osservazioni sugli Animaletti Infusori dell' Acqua Marina.* 8° 1809.
- BRODERIP, W. J. *On the Animals found in the Shells of the genus Argonauta.* 8°.
- . *Description of two Species of Buccinum.* 8°.
- . *Description of a Land Shell from South America (Bulinus labeo).* 8°.
- . *Descriptions of some new Species of Calyptraeidae.* 4° 1834.
- . *Description of a new Species of Cypraea.* 8°.
- . *On the Genus Chama, Brug., with Descriptions of some Species.* 4° 1834.
- . *On Clavagella.* 4° 1834.
- . *Descriptions of some new Species of Brachiopoda.* 4° 1833.

- BRODERIP, W. J. On the habits and structure of *Paguri* and other Crustacea. 8°.
- BRODERIP, W. P., and G. B. SOWERBY. Observations on new *Mollusca* in the Zoological Museum. 8°.
- BRUGUIÈRE. Tableau Encyclopédique et Méthodique des trois règnes de la Nature (les Mollusques et Polypes divers par *M. Lamarck*); 4 vols. 4° Paris, 1791-1816.
- BUCKLAND, W. On the Vitality of Toads enclosed in Stone and Wood. 8°.
- BURROW, E. I. Elements of *Conchology*, according to the Linnæan System. 8° London, 1815.
- CANTOR, Théod., M.D. General Features of Chusan, with Remarks on its Flora and Fauna. 8° London, 1842.

CATALOGUES.

- Auvergne*. Catalogues des Mollusques terrestres et fluviatiles, et aussi des Espèces Fossiles, de la Haute et la Basse-Auvergne, par *J. B. Bouillets*. 8° Clermont-Ferrand, 1836.
- Bligh, Mrs.* Catalogue of the rare and valuable *Shells* in her collection, by *W. Swainson*. 8° London, 1822.
- Born, Ignatius à.* *Testacea Musei Cæsarei Vindobonensis jussu Mariæ Theresæ disposita et descripta*. fol. Vienna, 1780.
- British Museum*. Catalogue of the Species of certain Genera of *Shells*, by *J. E. Gray*. 8°.
- Caley, G.* Catalogue of his Collection of Dried Plants, Botanical Library, etc. 8° 1829.
- Cambridge Philosophical Society*. Catalogue of the Collection of British Quadrupeds and Birds in the Museum. 12° Cambridge, 1836.
- Callow, Agnes, and L. Reeve*. The Conchologist's Nomenclator, a Catalogue of all the recent Species of *Shells* in the Subkingdom "*Mollusca*." 8° London, 1845.
- College of Surgeons, Museum of.* Catalogue of the Hunterian and General Collections; 5 vols. 4° London, 1831.

- Part 1. Pathological Preparations in Spirit.
- 2. Pathological Preparations in a dried state.
- 3. Human and Comparative Osteology.
- 4. Preparations of Natural History.
- 5. Preparations of Monsters and Malformed Parts.

Descriptive and Illustrated Catalogue of the Physiological Series of Comparative Anatomy. 4° London, 1833-40.

- Vol. i. Organs of Motion and Digestion.
- Vol. ii. Absorbent, Circulating, Respiratory and Urinary Systems.
- Vol. iii. Pt. 1. Nervous System and Organs of Sense.
- Pt. 2. Connective and Tegumentary Systems.
- Vol. iv. Organs of Generation.
- Vol. v. Products of Generation.

Cooper, Dan. Catalogue of the British Natural Orders and Genera (of Plants) arranged according to the Systems of Decandolle and Linnæus. 1838.

CATALOGUES.

- Davila*. Catalogue Systématique et Raisonné des Curiosités de la Nature et de l'Art, qui composent son Cabinet; 3 vols. 8° *Paris*, 1767.
- Geuers, Abraham*. Museum Geuersianum sive Index ejus Rerum Naturalium, etc. 8° *Rotterdam*, 1787.
- Gualtier, Nicolaus*. Index Testarum Conchyliorum, quæ adservantur in ejus Museo, methodice distributæ tabulis CX. fol. *Florence*, 1742.
- Isle of Man*. Catalogue of the *Mollusca* inhabiting the island and the neighbouring Sea, by *Edward Forbes*. 12° *Edinburgh*, 1838.
- Loudon, J. C.* The Derby Arboretum, a Catalogue of the Trees and Shrubs, Description of the Grounds, etc. 8° *London*, 1840.
- Maton, Wm. G., M.D., and Rev. Tho. Rackett*. Descriptive Catalogue of the British *Testacea*. 4° *London*, 1804.
- Naples*. Catalogus *Conchyliorum* Regni Neapolitani, à *A. Scaechi*. 8° *Naples*, 1836.
- Olivi, Gius*. Zoologia Adriatica: ossia Catalogo degli Animali del Golfo e delle Lagune di Venezia. 4° *Bassano*, 1792.
- Shells, Recent*. Descriptive Catalogue of, according to the Linnæan Method, with particular attention to the Synonymy, by *Lewis W. Dillwyn*; 2 vols. 8° *London*, 1817.
- . Catalogue of British and Foreign species according to the Linnæan System, by *W. Wood*. 8° *London*, 1818.
- Siberia Orientali*, Catalogus *Coleopterorum* in, æ Cel. G. Silide Karelín collectorum, à *G. Fischer de Waldheim*. 8°.
- Tankerville Collection*. Catalogue of the *Shells* in, by *G. B. Sow-erby*. 8° *London*, 1825.
- CHAVANNES, D. A. Discours, prononcé à Lausanne en ouvrant la Séance de la Société Helvétique des Sciences Naturelles. 8° *Lausanne*, 1818.
- CHEMNITZ. See *Martini*.
- COLUMNA, Fab. Opusculum de *Purpura*, opera et studio *J. D. Majoris*. 4° 1675.
- Conchological Tables for the use of Shell Collectors. 8° *Newcastle*, 1823.
- COOPER, Dan. List of the *Land and Fresh-Water Shells* of the Environs of London. 12° *London*, 1836.
- . *Flora Metropolitana*, or Botanical Rambles within thirty miles of London, with Supplement. 8° *London*, 1837.
- . Supplement to the *Flora Metropolitana*. 12° *London*, 1837.
- Coquilles*. Notice d'une Collection de plus de 5500, classée d'après le système de Lamarck. 4° *Paris*, 1801.
- COXE, John R. Observations on the *Jalap Plant*. 8° 1831.
- CRAMER, Charles. Etwas über die Natur-Wunder in Nord America; 2 parts. 8° *St. Petersburg*, 1837-40.
- CURLING, T. B. Lectures on the *Entozoa*, or Internal Parasites of the Human Body [*Med. Gazette*]. 8° *London*, 1837.
- CUVIER, Baron G. Leçons d'Anatomie Comparée; 5 vols. 8° *Paris*, 1805.

CUVIER, Baron G. Le Règne Animal, distribué d'après son Organisation ; 4 vols. 8° Paris, 1817.

Cyclopædia of Anatomy and Physiology, edited by Robert B. Todd ; part 1. 8° London, 1835.

DARLUC. Histoire Naturelle de la Provence ; 3 vols. 8° Avignon, 1782-86.

DARWIN, Charles. The Zoology of the Voyage of H.M.S. Beagle, under the command of Captain Fitzroy.—*Mammalia*, by G. R. Waterhouse.—*Birds*, by John Gould ; and *Fish*, by C. Darwin ; 3 vols. in 2. 4° London, 1839-41.

DAUBENY, Charles, M.D. Lecture on the Study of Botany. 8° Oxford, 1834.

DELUC, J. A. Lettres Physiques et Morales sur l'Histoire de la Terre et de l'Homme ; 5 vols. 8° Paris, 1779.

DES MOULINS, Charles. On restricting the number of Species of the Genera *Unio* and *Anodonta*, translated by P. H. Nicklin. 8°

———. Premier Mémoire sur les *Echinides*. 8° 1835.

DICTIONNAIRE des Sciences Naturelles, par plusieurs Professeurs du Jardin du Roi et des principales Ecoles de Paris [*Lacroix, Brongniart, Cuvier, Geoffroy St. Hilaire, Lacépède, Duméril, Humboldt, etc.*] (vols. xiv. and xxxvi. wanting) ; 60 vols. Strasburg, 1816-30.

DRAPARNAUD, J. P. R. Histoire Naturelle des *Mollusques Terrestres* et *Fluviatiles* de la France. 4° Paris, 1805.

DUJARDIN, F. Recherches sur les Organismes Inférieurs. 8° 1835.

EDWARDS et COLIN. Sur la Végétation des *Céréales* sous des hautes températures. 8° Versailles, 1835.

ELLIS, Jean. Essai sur l'Histoire Naturelle des *Corallines*, des côtes de la Grande-Bretagne, traduit de l'Anglais. 4° The Hague, 1756.

———. Natural History of *Zoophytes*, systematically arranged by Daniel Solander, M.D. 4° London, 1786.

FISCHER DE WALDHEIM, G. Adversaria Zoologica. 4° Moscow, 1819.

———. Notice sur le *Tettigopsis*, nouveau genre d'Orthoptères de la Russie. 4° Moscow, 1830.

FORBES, Edward. History of British *Starfishes* and other animals of the Class *Echinodermata*. 8° London, 1841.

FROST, John. Account of the Science of Botany. 4° London, 1827.

Giraffes. Popular Description and History of those in the Zoological Gardens, Regent's Park. 8° London.

GIRAUD-SOULAVIE, l'Abbé. Histoire Naturelle de la France Méridionale ; 7 vols. 8° Paris, 1780-84.

GRANT, Robert E., M.D. On the principles of Classification in the Primary Divisions of the Animal Kingdom. 8°

———. Essay on the Study of the Animal Kingdom. 8° London, 1828.

———. Lectures on Comparative Anatomy. 8° London, 1833-34.

———. Outlines of Comparative Anatomy. 8° London, 1841.

———. Criticism on the works of Cuvier. 8°

———. On the Structure and Functions of the *Sponge*. 8°

GRANT, Robert E., M.D. On the Structure of some *Siliceous Sponges*, with *Schweigger* on the Coralline *Opuntia*. 8°.

———. Remarks on the Structure of some *Calcareous Sponges*, and on two Zoophytes from Shetland. 8°.

———. On the Structure and mode of Generation of the *Virgularia mirabilis* and *Pennatula phosphorea*. 8°.

———. On the Generation of the *Lobularia digitata*. 8°.

———. On the Structure and Nature of *Phustra*. 8°.

———. On the Influence of Light on the Motions of *Infusoria*. 8°.

———. On the Structure and Characters of the *Octopus ventricosus* from the Firth of Forth. 8°.

———. On the Structure of the Eye of the *Sword fish*. 8°.

———. On the Viscera of the Common *Sword fish*. 8°.

———. On the Anatomy of the *Paca* of Brazil. 8°.

GRATELOUP, Dr. Mémoire sur plusieurs Espèces de *Coquilles* nouvelles de Mollusques. 8° Bordeaux, 1840.

GRAY, J. E. On a new Genus of *Land Shells*. 8°.

———. Descriptions of the Species of *Reptiles*. 8° London, 1831.

———. Original Figures and Descriptions of New and Unfigured Animals. 4°.

———. Figures of *Molluscos Animals*, selected from various authors. 8° London, 1842.

GRAY, Sam. F. Natural Arrangement of *British Plants*, with an Introduction to Botany; 2 vols. 8° London, 1821.

HARRIS, T. M. Account of *Pawpaw* or *Cowry Shells*, found in Dorchester [U.S.]. 4° 1806.

HENSLOW, J. S. On the Examination of a Hybrid *Digitalis*. 4° Cambridge, 1831.

HOENINGHAUS, Fred. W. Sur l'*Aspergillum Leognanum*. 4° Crefeld, 1827.

———. Ueber ein *Dentalium Saturni*. 4° Crefeld, 1836.

———. Ueber ein "*Carpinus Macroptera*." 4° Crefeld, 1840.

HULTMAN, Dav. Instructio Musei Rerum Naturalium. 4° Upsal, 1753.

JENYNS, Leonard. Manual of British *Vertebrate Animals*, or Descriptions of Mammalia, Aves, Reptilia, Amphibia and Pisces, systematically arranged. 8° Cambridge, 1835.

———. Remarks on the Study of *Zoology* and present state of the Science. 8° 1836.

JOHNSTON, Geo., M.D. History of the British *Zoophytes*. 8° Edinburgh, 1838.

KIRBY, Rev. Wm. On the Power, Wisdom and Goodness of God, as manifested in the Creation of Animals, and in their History, Habits, and Instincts [Bridgewater Treatise]; 2 vols. 8° London, 1835.

KLEIN, Jac. T. Naturalis Dispositio *Echinodermatum*, access. De Aculeis Echinorum Marinorum et de Belemnitis, edita a Nath. G. Leske. 4° Leipsic, 1778.

- LAMARCK, J. B. Tableau Encyclopédique et Méthodique des trois Règnes de la Nature : Les Vers Infusoires, Intestina, Mollusques, Echinodermes, et Testacées à Coquilles Bivalves, par *M. Bruguière*; et les Mollusques et Polypes Divers, par *M. Lamarck*, Planches 1 à 488; 4 vols.
4° Paris, 1791–1816.
- . Système des Animaux sans Vertèbres ou Tableau de leurs classes, ordres et genres. 8° Paris, 1801.
- . Histoire Naturelle des *Animaux sans Vertèbres*, avec Introduction sur ses Caractères essentiels, etc.; 7 vols. 8° Paris, 1815.
- LAMOUREUX, J. V. F. Histoire des *Polypiers Coralligènes Flexibles* (Zoophytes). 8° Caen, 1816.
- LANCE, Edw. J. On the Food of Plants, and Essay on the Drill Husbandry of Turnips. 12° London, 1842.
- LEA, Isaac. Report on his “Descriptions of New *Freshwater and Land Shells*.” 8°.
- . Observations on the Genus *Unio*, with Descriptions of New Species in the families *Naiades*, *Colimacea*, *Lymnæana*, *Melaniana* and *Peristomiana*; 3 vols. in 2. 4° Philadelphia, 1832–42.
- . Synopsis of the Family of *Naiades*. 8° Philadelphia, 1836.
- . Description of Nineteen New Species of *Colimacea*. 4° 1840.
- LEEUWENHOEK, Ant. à. Epistolæ Physiologicæ super compluribus Naturæ Arcanis. 4° Delft, 1719.
- LINDLEY, John. First Principles of *Botany*. 18° London, 1830.
- . Nixus Plantarum. 8° London, 1833.
- LISTER, Martinus, M.D. Historia sive Synopsis Methodica *Conchyliorum* et Tabularum Anatomicarum, recensuit et indicibus auxit Gul. Huddesfol. Oxford, 1770.
- . Index to the [third edition of] ‘*Historia Conchyliorum*,’ and Occasional Remarks, by *L. W. Dillwyn*. fol. Oxford, 1823.
- . Historiæ Animalium Angliæ tres tractatus [De *Araneis*, de *Cochleis* et de *Cochleis Marinis*]. 4° London, 1678.
- LOUDON, J. C. Arboretum et Fruticetum Britannicum, or the Trees and Shrubs of Britain pictorially and botanically delineated and scientifically and popularly described; 8 vols. 8° London, 1838.
- LOVELL, Rob. Compleat History of Animals and Minerals. 8° Oxford, 1661.
- MARCEL DE SERRES. Observations sur la *Licorne* des Anciens. 8°.
- MARTINI, Fried. H. W., und J. H. CHEMNITZ. Neues Systematisches *Conchylien-Cabinet*, mit, nach der Natur gemahlten und mit lebendigen Farben erleuchteten Kupfertafeln, nebst ein Alphabetisches Namen-Register über alle die Bände, von *J. S. Schröter*; 11 vols.
4° Nuremberg, 1769–95.
- M’CLELLAND, John. Report on the Physical Condition of the Assam *Tea Plant*. 8° 1837.
- MEYER, Hermann von. Abweichungen von der Fünffzahl bei *Echinideen*. 4° 1835.
- MICHELOTTI, G. Monografia del Genere *Murex*. 4° Vicenza, 1841.
- MONTFORT, Denys de. Conchyliologie Systématique et Classification Méthodique des Coquilles; 2 vols. 8° Paris, 1808–10.

- MORTON, Sam. G., M.D. On a supposed New Species of *Hippopotamus*.
8° 1844.
- MUDIE, Rob. Popular Guide to the Observation of Nature.
18° London, 1832.
- MURRAY, John. Remarks on the Cultivation of the *Silk-worm*.
8° Glasgow, 1825.
- NASMYTH, Alex. On the Development, Structure and Diseases of the
Teeth. 8° London, 1839.
- NEWMAN, Edw. Paper on the Nomenclature of the Parts of the Head of
Insects. 8° London, 1834.
- . History of *British Ferns*. 8° London, 1840.
- OSANDER, Nic. E. De *fluviatili Astaco* ejusque Usu Medico.
4° Upsal, 1715.
- OWEN, Rd. Memoir on the *Pearly Nautilus*, with illustrations of its ex-
ternal form and internal structure. 4° London, 1832.
- . Lectures on the Comparative Anatomy and Physiology of
the Invertebrate Animals. 8° London, 1843.
- PATTERSON, Rob. On the Study of Natural History as a Branch of
General Education. 8° Belfast, 1840.
- PENCATI, Gius. M. Elenco delle *Piante Spontanee*, nel Territorio di
Vicenza. 8° Milan, 1802.
- PLANCUS, Janus. De *Conchis* minus notis; cui accessit Specimen *Æstus*
reciproci Maris Superi ad Littus Portumque *Arimini*. 4° Rome, 1760.
- PREVOST, Constant. Note sur un exemple de la réunion de *Coquilles*
marines et de *Coquilles fluviatiles* dans les mêmes couches. 4° 1821.
- RAY, John. Philosophical Letters, published by W. Derham.
8° London, 1718.
- REEVE, Lovell. Conchologia Iconica, a Complete Repertory of Species,
pictorial and descriptive; the figures by G. B. Sowerby. [Genera:
Conus, *Mitra*, *Triton*, *Cardium*, *Arca*, *Delphinula*, *Crassatella*, *Myo-*
dora, *Corbula*, *Glaucanome*, *Pectunculus*]; 11 parts (all published).
4° London, 1843-46.
- . See *Catalogue*.
- REGENFUSS, François M. Choix de *Coquillages* et de *Crustacés*, peints
d'après nature, gravés en taille douce, et illuminés de leurs vraies
Couleurs. fol. Copenhagen, 1758.
- REINWARDT, C. G. C. Oratio de Augmentis quæ Historiæ Naturali ex
Indiæ investigatione accesserunt. 4° Leyden, 1823.
- RISSE, J. A. Essai sur l'Histoire Naturelle des *Orangers*, *Bigaradiers*,
Limettiers, *Cedratiers*, *Limoniers* ou *Citronniers* du Département des
Alpes Maritimes. 4° Paris, 1813.
- . Histoire Naturelle des *Crustacés* des Environs de Nice.
8° Paris, 1816.
- RIVERO, M. de, y J. B. BOUSSINGAULT. Memoria sobre la Leche del
Arbol de la Vaca. 8° Bogota, 1823.
- ROBINSON, Tho. Observations on the Natural History of this World of
Matter and this World of Life. 8° London, 1696.
- ROYLE, J. Forbes, M.D. Illustrations of the Botany and other branches
of the Natural History of the Himalayan Mountains, and of the Flora of
Cashmere; 2 vols. 4° London, 1839.

ROZIER, l'Abbé. Introduction aux Observations sur la Physique, l'Histoire Naturelle et les Arts; 2 vols. 4° Paris, 1777.

ROZIÈRE. De l'*Ibis Egyptien*. 8°.

— et ROUYER. Mémoire sur l'Art de faire éclore les Poulets en Egypte par le moyen des Fours. fol.

RUMPHIUS, Geo. E. D'Amboinsche Rariteitkamer, eene Beschryvinge van allerhande *Schaalvisschen* die men in d'Amboinsche Zee vindt, *Mineraalen, Gesteenten*, enz. fol. Amsterdam, 1741.

SCHROETES, Joh. S. Geschichte der *Fluss-Conchylien*, vorzüglich in Beziehung auf diejenigen welche in den thüringischen Wassern leben. 4° Halle, 1779.

SOWERBY, G. B. Conchological Manual. 8° London, 1839.

STRICKLAND, Hugh E. On the true Method of Discovering the Natural System in Zoology and Botany. 8°.

SUEUR, C. A. L. Description of two New Species of *Exocetus*. 8° 1820.

SYKES, W. H. Catalogue of the *Mammalia* and *Birds* observed in Duhun, East Indies. 8° London, 1832.

TOWNSON, Rob., LL.D. Tracts in Natural History and Physiology. 8° London, 1799.

WALKER, Geo. *Testacea Minuta Rariora, detecta in Arena Littoris Sandvicensis a Gul. Boys*. 4° London.

WALLICH, N., M.D. List of Indian Woods. 8°.

WATERTON, Chas. Letter to James [Robert] Jameson, Regius Professor of Natural History, Edinb. 8° Wakefield, 1835.

———. Second Letter to Professor Jameson. 8° Wakefield, 1835.

———. Ornithological Letter to William Swainson. 8° Wakefield, 1837.

WINCH, N. J. Essay on the Geographical Distribution of Plants through Northumberland, Cumberland and Durham. 8° Newcastle, 1819.

YARRELL, Wm. On the Osteology of the *Chlamyphorus Truncatus* of Dr. Harlan. 8° 1828.

Zoological Miscellany. [Descriptions of various undescribed Birds, Fish, etc., by J. Reeves, Gen. Hardwicke, etc.] 8°.

Zoological Nomenclature, Report of the "British Association" on. 8° 1842.

O.

MISCELLANEOUS BOOKS.

- ADAMS, Jas. J. On a New Operation for the Cure of Amaurosis, Impaired Vision and Shortsightedness. 8° *London*.
 Aide Mémoire du Voyageur. 4° *Paris*, 1834.
- ANDRÆ. De Aquis putealibus Hannoveranis, Leinæ fluminis, etc. 4° 1756.
- Annuaire Industriel et Administratif de la Belgique. 8° *Brussels*, 1832.
- BABBAGE, Charles. On the Economy of Machinery and Manufactures, 3rd éd. 12° *London*, 1832.
- BAILY, F. (Pres. Roy. Ast. Soc.). Memoir of, by *Sir J. F. W. Herschel*. 8° *London*, 1845.
- BEKE, Chas. T. Views in Ethnography and the Natural History of Man. 8° 1835.
- BERGAZZANO, Gio. B. I Prieghi di Partenope Idilio. 16° *Naples*, 1632.
- Bogs, Irish, First and Second Reports of the Commissioners on the Nature and Extent of. fol. 1810-11.
- BOISSIER DE SAUVAGES. Nosologia Methodica, sistens Morborum classes juxta Sydenhami mentem et Botanicorum ordinem; 2 vols. 4° *Amsterdam*, 1768.
- Bombay and Madras*, Desiderata and Inquiries connected with the Presidencies of. 4°.
- British Museum, Report of the Select Committee on the Condition, Management and Affairs of. fol. 1835.
- BROCCHI, G. Sulle Vernici usate dagli Antichi sulle Stoviglie di Terra. 8° *Milan*, 1817.
- BROSTER, John. Progress of his System for the Removal of Impediments in Speech. 12° 1827.
- BUCHEZ. Introduction à la Science de l'Histoire. 8° 1833.
- BUCKE, Chas. Letter intended as a Supplement to Lockhart's Life of Scott. 8° 1838.
- BUCKINGHAM, J. Letter from Persia. MS. 1816.
- CALDERINI, C. J. La Nuova Illuminazione [Gas] in Milano. 8° *Milan*, 1844.
- Canada*, Mémoires sur, depuis 1749 jusqu'à 1760, publiés par la Société Littéraire de Quebec. 8° *Quebec*, 1838.
- . Collection de Mémoires et de Relations sur l'Histoire Ancienne du Canada, d'après des Manuscrits obtenus des Archives en France. 8° *Quebec*, 1840.

CATALOGUES of Libraries belonging to Public Bodies:—

American Philosophical Society at Philadelphia.

- 8° *Philadelphia*, 1824.
Asiatic Society, Royal. 4° *London*, 1830.
 ———, *Chinese Library*, by the Rev. S. Kidd. 8° *London*, 1838.
College of Surgeons, Royal. 8° *London*, 1831.
*Geological Society of London**. 8° *London*, 1846.
Institution of Civil Engineers. 8° *London*, 1837.
London Institution. 8° *London*, 1835.
London Library. 8° *London*, 1842.
Manchester Mechanics' Institution, with the Rules, etc., and Supplement. 8° *Manchester*, 1834.
Newcastle Literary and Philosophical Society. 8° *Newcastle*, 1811.
Royal Institution. 8° *London*, 1809.
Royal Society of London. 8° *London*, 1839.
United Service Museum. 8° *London*, 1836.

CATALOGUES of Private Libraries:—

M. Menard de la Groye [Livres d'Histoire Naturelle].8° *Paris*, 1828.*M. Félix de Roissy* [Livres d'Histoire Naturelle]. 8° *Paris*, 1844.CHRISTIE, Alex. T., M.D. *Treatise on the Epidemic Cholera.*8° *London*, 1835.CLARK, Jas., M.D. *On the Influence of Climate in the prevention and cure of Chronic Diseases.*8° *London*, 1829–30.CLAYTON, Rob. (Bp. of Clogher). *Vindication of the Histories of the Old and New Testament, in answer to the Objections of Lord Bolingbroke, etc.*; 2 vols.12° *Dublin*, 1754.Colonne des Bourbons, *Notice sur, par la Société d'Agriculture de Boulogne.* 4°.CORDIER, Louis. *Description des Ruines de Sâa (Tanis des Anciens).*fol. *Paris*, 1820.CRAMER, Jos. A. *Physische Briefe* [Beschreibung von Hildesheim].12° *Hanover*, 1793.CURTIS, J. H. *Lecture on the Diseases of the Ear.* 8° *London*, 1818.DAUBENY, Charles, M.D. *Lecture on Institutions for the better Education of the Farming Classes.* 8° *Oxford*, 1844.———. *Memoir on the Rotation of Crops, and on the Quantity of Inorganic Matters abstracted from the Soil by various Plants.*4° *London*, 1845.DECANDOLLE, Aug. P. *Sketch of the Writings and Philosophical Character of, by Dr. Daubeny.* 8° 1843.DELARBE, Ant. *Notice sur l'ancien Royaume des Auvergnats et sur la ville de Clermont.* 8° *Clermont*, 1805.DE LUC, J. A. *Histoire du Passage des Alpes par Annibal, composée sur les recherches faites sur les lieux.* 8° *Geneva*, 1818.

* For some account of the MS. catalogue of memoirs on geological subjects in the books of the Geological Society, see the introductory remarks in the first pages of this Catalogue.

- DE ROS, Hon. J. F. The Belgian, Netherlands, Hanoverian, Danish, Prussian, Swedish and Norwegian Lighthouses arranged. 8° 1843.
- DICKINSON, Capt. Thomas. Narrative of the Operations for the Recovery of the Public Stores and Treasure sunk in H.M.S. Thetis at Cape Frio, Coast of Brazil. 8° London, 1836.
- DILLWYN, Lewis W. Contributions towards a History of Swansea. 8° Swansea, 1840.
- DRAPIEZ. Notice sur l'Etablissement Géographique de Bruxelles, de P. Van der Mälen, etc. 8° 1838.
- DU PONCEAU, Peter S., President of the American Philosophical Society. Public Discourse on, by Dr. R. Dunglison. 8° Philadelphia, 1844.
- Education. Minutes of the Committee of Council on Education, with Appendices, 1840-41. 8° London, 1841.
- EDWARDS, Edward. Strictures on the Evidence before the Select Committee on the British Museum. 8° London, 1836.
- Etablissement Géographique de Bruxelles*, Lettre sur. 18° Brussels, 1836.
- . Notice sur. 18° Brussels, 1842.
- FERUSSAC, Bar. de. Examen de la Conférence de l'Evêque d'Her-mopolis. 8° Paris, 1827.
- FLÜGEL, J. G. Literarische Sympathien oder industrielle Buchmacherei, nebst Vorwort von G. Hermann. 8° Leipsic, 1843.
- FORSTER, T. Illustrations of the Atmospheric Origin of Epidemic Diseases. 8° Chelmsford, 1829.
- FOURNEL, Henri. Report on the Basin of the Lower Loire. 8° London, 1839.
- GAUTIER, H. Bibliothèque des Philosophes et des Sçavans tant Anciens que Modernes; 2 vols. 8° Paris, 1723.
- GAUTIERI, Gius. Dell' Influsso de' Boschi sullo stato de' Paesi e sulla prosperità delle Nazioni. 8° Milan, 1814.
- Geological Primer in Verse, with a Poetical Geognosy, etc. and a critical dissertation on [Scafe's] "King Coal's Levee." 8° London, 1820.
- GIBSON, William S. Prize Essay on the History and Antiquities of Highgate. 8° London, 1842.
- GORDON, Alex. Observations to those interested in Railways or Turn-pike Roads. 8° London, 1837.
- . On Railway Monopolies and Remedial Measures. 8° London, 1841.
- GOULD, Nathaniel. Sketch of the Trade of British America. 8° London, 1833.
- GRANT, Robert E., MD. On the Study of Medicine. 8° London, 1833.
- . Dissertatio de Circuitu Sanguinis in Fœtu. 8° Edinburgh, 1814.
- GRANVILLE, A. B., M.D. Essay on Egyptian Mummies, with Observations on the Art of Embalming among the Ancient Egyptians. 4° London.

- GREGOR, Rev. W. Memoir of the Life and Scientific Labours of, by *Dr. J. Paris*. 8° London, 1818.
- GREGORY, Olinthus, LL.D. Collection of Dissertations and Letters by *Rodriguez, Delambre, Dr. Thomson, &c.*, tending to impugn or to defend the Trigonometrical Survey of Col. Mudge. 8° London, 1815.
- HALL, Basil. Schloss Hainfeld, or a Winter in Lower Styria. 8° Edinburgh, 1836.
- HARKNESS, H. Ancient and Modern Alphabets of the Popular Hindu Languages. 4° London, 1837.
- HAWKINS, Thomas. The Wars of Jehovah, in Heaven, Earth and Hell, with Engravings, by *John Martin*. 8° London, 1844.
- HORNER, Leonard. On an Artificial Substance resembling Shell; with an Account of it by *Sir David Brewster*. 4° London, 1836.
- HULLMANDEL, C. Specimens of Further Improvements in Lithographic Printing. 8° London, 1829.
- . Reply to the "History of Lithography" in the Foreign Review. 8° London, 1829.
- HUZARD, J. B. Notice sur sa Bibliothèque. 8° Paris, 1839.
- JEFFERSON, Thomas. Eulogium on, by *N. Biddle*. 8° Philadelphia, 1827.
- JERDAN, William. Illustrations of the Plan of an Association for the Encouragement of Authors, etc. 8° London, 1839.
- JORIO, Andrea de. Officina de' Papiri descritta [Museo Borbonico]. 8° Naples, 1825.
- King's College, London*. Statement of Proceedings towards the Establishment of. 8° 1830.
- KLEINSCHROD, Ch. T. Canal de Jonction entre le Rhin et le Danube, traduit de l'Allemand. 8° Munich, 1834.
- LANDSOWNE, Marquis of. Speech on the Government Plan of National Education. 8° London, 1839.
- LHOTSKY, John. Information for the People; Nos. 1-3. 8° Sydney.
- LLOYD, Barth. (late President of the Royal Irish Academy). Memoir of, by the Rev. *J. H. Singer*. 8°.
- Local Information. Heads for the Arrangement of. 8° London, 1830.
- M'CHAFF, Alexander. Letter to the Editor of the Glasgow Argus [on Collier's Edition of Shakspeare]. 8° London, 1842.
- MACLURE, William, President of the Philadelphia Academy of Natural Sciences. Memoir of, by *Dr. S. G. Morton*. 8° Philadelphia, 1841.
- MAIDEN, William. Account of a Case of Recovery after the Shaft of a Chaise had been forced through the Thorax. 4° London, 1824.
- MALCOLMSON, J. G. On the Causes of Bronchocele in India and England. 8° London.
- MARCEL DE SERRES. Discours sur la Méthode suivie actuellement dans l'étude des Sciences. 8° Montpelier, 1834.
- MARMIER, Xavier. La Littérature Islandaise [1^{re} Partie du Voyage en Islande et au Groenland, publié par Paul Gaimard]. 8° Paris, 1843.
- MARTIN, K. B. Oral Traditions of the Cinque Ports compared with Antiquarian Researches, etc. 8° London, 1832.

- MARTIN, K. B.. On the Necessity for Harbours of Refuge. 8° *London*, 1839.
- MARUM, Martin van. Notice sur, par *M. Quetelet*. 12° *Brussels*, 1840.
- Medical and Philosophical Register (American), conducted by *D. Hosack* and *J. W. Francis*; 4 vols. 8° *New York*, 1814.
- MILLARD, John. Letter on a Plan for the better Management of the British Museum. 8° 1836.
- MONTGOMERY'S Poem of Oxford. Review of. 8° 1831.
- MORTON, Samuel G., M.D. Observations on a Second Series of Ancient Egyptian Crania. 8° 1844.
- NEILSON, William. Introduction to the Irish Language. 8° *Dublin*, 1808.
- New South Wales*. Report relating to, during the Administration of Sir G. Gipps. fol. 1841.
- NOLAN, Rev. Frederick. Deposition to attest the spoliation of a learned Foreigner (*H. Wronski*) by the Board of Longitude. 8° *London*, 1822.
- NUNNINGH, Jod. H. Sepulcretum Westphalico-Mimigardico-Gentile, et Ossilegium Historico-Physicum. 4° *Francof.* 1714.
- OLPERS, J. F. M. v. Die Ueberreste vorweltlicher Riesenhiere in Beziehung zu ost-asiatischen Sagen und Chinesischen Schriften. 4° *Berlin*, 1840.
- OMALIUS D'HALLOY, J. J. Notions Élémentaires de Statistique. 8° *Paris*.
- Ordnance Survey. Zenith Distances observed with the Mural Circle, and Calculation of Geocentric South Polar Distances. 4° 1836.
- PALISSEY, Bernard. Ses Œuvres revus avec des notes par *Faujas de Saint-Fond*, et *Gobet*. 4° *Paris*, 1777.
- PARKES, Samuel. Thoughts on the Laws relating to Salt. 8° *London*, 1817.
- PELET, Baron. Napoleon in Council, or Opinions delivered by Bonaparte in the Council of State, translated by *Capt. Basil Hall*. 8° *Edinburgh*, 1837.
- Penny Cyclopædia of the Society for the Diffusion of Useful Knowledge; vol. i. fol. *London*, 1833.
- PHELPS, John D. Collectanea Glocestriensia, or a Catalogue of Books, Tracts, Prints, Coins, etc. relating to the County of Gloucester, in his possession, at Chavenage House. 8° *London*, 1842.
- PHILLIPS, Joseph. Plan for the Total, Immediate and Safe Abolition of Slavery in the British Colonies. 8° *London*, 1833.
- PHILLIPS, Richard. Answer to Dr. David Boswell Reid's Exposure of Misrepresentations in the Philosophical Magazine. 8° *London*, 1831.
- POWELL, Rev. Baden. Discourse on Revelation and Science. 8° *Oxford*, 1833.
- PRIESTLEY, Dr. Estimate of the Philosophical Character of, by *Dr. W. Henry*. 8° *York*, 1832.
- RASOUMOWSKI, Comte Alexis. Règlement des Personnes qui viendront visiter la Bibliothèque Impériale. 8° *St. Petersburg*, 1814.
- READE, J. B. Observations on Roman Coin Moulds discovered in England and France. 8° *London*, 1839.
- REES, Abraham, D.D. Cyclopædia, or Universal Dictionary of Arts, Sciences and Literature; 45 vols. 4° *London*, 1819.

- REPTON. Landscape Gardening, with Notes by Loudon ; No. 1. 8° 1839.
- ROBINSON, Frederick. Refutation of Lieut. Wellsted's Attack upon Lord Valentia's Work on the Red Sea. 4° *London*, 1842.
- ROYLE, J. F., M.D. Essay on the Antiquity of Hindoo Medicine. 8° *London*, 1837.
- . Essay on the Productive Resources of India. 8° *London*, 1840.
- ROZIÈRE. Mémoire sur les Vases Murrhins qu'on apportait jadis en Egypte. fol. *Paris*, 1809.
- RUSSELL, Lord John. Speech on the Government Plan of National Education. 8° *London*, 1839.
- SABINE, Edward. Remarks on Sir J. Ross's Account of his Voyage to Baffin's Bay. 8° *London*, 1819.
- St. Vincent's*. Report from the Committee on the Claimants' Petition [Eruption of the Souffrier Mountain]. fol. 1813.
- SCAFÉ, John. King Coal's Levee, or Geological Etiquette and the Council of the Metals, with explanatory notes. 12° *Alnwick*, 1819.
- SCHWANN. Instructions pour l'Observation des Phénomènes Périodiques de l'Homme. 8°.
- SHIRREFF, R. Plan for enlarging and improving the Harbour and Town of South and North Leith. 4°.
- SILVESTRI, Giov. Memorie sopra due casi di Alienazione mentale. 8° *Palermo*, 1833.
- SOUTH, Sir James. Refutation of the Mis-statements and Fallacies in the Paper presented to the Admiralty by Dr. Thomas Young. 8° *London*, 1829.
- . Reply to a Letter on the Interest taken by the British Government in Astronomical Science. 8° *London*, 1829.
- Spanish Empire in both Indies, Sketches of the. 8° *London*, 1809.
- SPURZHEIM, J. G. Examination of the Objections made in Britain against the Doctrines of Gall and Spurzheim. 8° *Edinburgh*, 1817.
- STUETZ, Andreas. Einrichtung der k. k. Naturalien Sammlung zu Wien. 8° *Vienna*, 1793.
- Survey, Trigonometrical. List of the Altitudes of the Stations, from Observations in the. 4° *London*, 1811.
- SVANBERG, JOENS. Exposition des Opérations en Lapponie pour la détermination d'un Arc du Méridien, par Oefverbom, Svanberg, Holmquist et Palander. 8° *Stockholm*, 1805.
- TATA, Domenico. Lettera sul Monte Volture, con Lettera dell' Etimologia del Monte Volture, di C. Saverio Minervino. 8° *Naples*, 1778.
- TELFORD, R. Report on the Railway from Glasgow to Berwick-upon-Tweed. 4° *Edinburgh*, 1810.
- TENORE, Cav. Critica di "Ant. Bertoloni Commentarius de itinere Neapolitano, 1837." 8°.
- Thames Archway Company. Report. fol. 1809.
- THIBERT, F. Catalogue of his Collection of Models of Pathological Anatomy. 8° *London*.
- Tirol und Voralberg*. Beiträge zur Geschichte, Statistik, Naturkunde, und Kunst von, 3d Vol. 8° *Innsbruck*, 1827.

- TRAVERS, Benjamin. Hunterian Oration, February 1838.
4° London, 1838.
- Universities. Remarks on the Ministerial Plan of a Central Examining Board.
8° London, 1836.
- URQUHART, David. Exposition of Transactions in Central Asia, through which the Barriers of India have been sacrificed to Russia.
4° London, 1841.
- . Case of Mr. McLeod, in whose person the Crown of Great Britain is arraigned for Felony; 2nd Ed.
8° Southampton, 1841.
- Van Diemen's Land. Bischoff's Sketch of the History of.
8° London, 1832.
- VAUGHAN, William. Memoir of, with Miscellaneous Pieces relative to Docks, Commerce, etc.
8° London, 1839.
- VAUQUELIN, M. L. Notice Historique sur, par MM. Chevallier et Robinet.
8° Paris, 1830.
- VINCENTIUS, Levinus. Elenchus Tabularum, Pinacothecarum, etc. in ejus Gazophylacio.
4° Harlem, 1719.
- VOORN, Jac. Catalogus Antiquarum et Novarum Rerum in Anatomia Publica, Lugduni in Batavis.
4° Leyden.
- WALKER, Francis. Monographia Chalciditum.
8° London, 1839.
- Water. Report of the Commissioners on the Supply of, in the Metropolis.
fol. 1828.
- WATKINS, Charles F. Sacred Poems.
8° London, 1829.
- WEBB, Fil. B. Osservazioni intorno allo Stato Antico e Presente dell' Agro Trojano.
8° Milan, 1821.
- WHEELWRIGHT, W. Reports to, and Correspondence with, the Directors of the Pacific Steam Navigation Company.
8° 1843.
- WILME, B. P. Hand-Book for Plain and Ornamental Mapping, etc.
4° London, 1841.
- WOODWARD, Sam. The Norfolk Topographer's Manual, being a Catalogue of the Books and Engravings published in relation to the County, augmented by W. C. Ewing.
8° London, 1842.
- . Observations on the Round Church Towers of Norfolk.
4° 1829.
- . Outline of the Roman Remains in Norfolk.
4° London, 1831.
- WRONSKI, Hoené. Pétition au Parlement Britannique sur sa Spoliation par le Bureau des Longitudes.
8° London, 1822.
- . Trois Lettres à Sir H. Davy sur l'Imposture Publique des Savans à Privilèges.
8° London, 1822.

C A T A L O G U E
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FIRST DIVISION.

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THE WORLD. Geological Map. By A. Boué. *Paris, 1845.*

EUROPE. Geological Map. By A. Boué. *Paris.*

Central and Western portions. By H. Von Dechen, with additions by W. Hughes. *London, 1841.*

Skizze der Tertiär-Gebirge in Nord-Frankreich, Belgien und England, durch Vte. d'Archiac. *1839.*

BRITISH ISLANDS. Index Map, by J. Phillips.

England and Wales. Geological Survey Maps.

Twenty-four sheets of the Ordnance Map, coloured geologically by the officers of the Survey; namely—

Maps No. 19 to 33, and 35 to 43† inclusive, comprising the counties of Cornwall, Devon, parts of Somerset, Wilts, Gloucester and Hereford, the whole of Monmouthshire and Glamorganshire, parts of Brecknockshire, the whole of Caermarthenshire and Pembrokeshire, and part of Cardiganshire.

Thirty-one sheets of the Sections accompanying the Ordnance Maps: namely—

Vertical Sections, No. 1 to 8, and 10 to 15 inclusive, and horizontal Sections (coloured) No. 1 to 17 inclusive.

* This list does not include Geological Maps bound up in and published with printed Books, unless there are separate copies of such Maps in the possession of the Society.

† See the description of the separate sheets, p. 129.

EUROPE.

BRITISH ISLANDS.

England and Wales. Reduction of *Cary's* large map. (Nine copies.) 1811.

- . By G. B. Greenough. 1819.
 ———. ———. Second Edition. 1839.
 ———. From the Geological Society's Map, in Six sheets. 1826.
 ———. By R. I. Murchison. 1843.
 ———. In relief, from Mr. Murchison's Map. 1844.
 ———. The Silurian Region, by R. I. Murchison. 1838.
 ———. Cornwall and Wales. 1811.

- . Cornwall. By W. Phillips. 1800.
 ———. ———. St. Michael's Mount.
 ———. ———. Devonshire, Somerset, and part of Dorset.
 ———. Cumberland (with coloured strata). 1793.
 ———. ———. By C. and J. Greenwood. 1839.
 ———. Derbyshire, Nottinghamshire, and Lincolnshire, parts of.
 ———. Dorsetshire, by J. Taylor (with coloured strata). 1796.
 ———. Durham (with coloured strata). 1793.
 ———. Hereford and Gloucester (Nos. 35 and 43 of the Ordnance Survey).
 ———. ——— (No. 43 of the Ordnance Survey, with geological data), by M'Lauchlan and Wright. 1832.
 ———. Leicester (Ordnance Map), by H. Still. 1834.
 ———. Lincolnshire (Carey's Map), geologically coloured from the Agricultural Survey. 1793.
 ———. Middlesex. Geological Plan of the Archway Road, Highgate.
 ———. Norfolk. By S. Woodward.
 ———. Northumberland, Carey's Map (with coloured strata). 1787.
 ———. ——— and Durham, by Mr. Warburton.
 ———. Pembrokeshire, Map by W. Tillard (with coloured strata). 1829.
 ———. Suffolk. Map of the Crag district, by R. C. Taylor.
 ———. Sussex. South-eastern part, by G. Mantell.
 ———. ———. Weald denudation, with parts of Kent, Surrey, and Hants. 1828.
 ———. ———. Western part, portion of. 1828.
 ———. Warwickshire. Neighbourhood of Atherstone and Nuneaton, by the Rev. J. Yates.
 ———. Westmoreland. Plan of the County, by F. Hodgson geologically coloured. 1828.
 ———. ———. By Professor Sedgwick.
Ireland. Outline Geological Map of the North of.

EUROPE.

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Ireland. Map of the East of, by T. Weaver.

———. Antrim, Map of the Giant's Causeway.

———. ———, Geological Map of the North-east coast of the County of.

———. ———, Geological Map of part of the County of. 1834.

———. Croghan Kinshela Mountain, Geological Map of, by T. Weaver.

———. Londonderry, Chart of its Topography, Territory, and Geology, by G. V. Sampson. 1813.

———. Ulster, Map of, with geological data.

Scotland. Kitchen's Map of, coloured by M. Necker. 1808.

———. Argyleshire, Map of trap-dykes and ancient beaches in Islay and Jura, by Captain Vetch.

———. Islay and Jura, Geological Map of, by Captain Vetch.

———. Sketch of Glen Roy, with Sections.

Jersey, Map of, divided into its Parishes and Cantons (with geological notices).

———. Original Hand Map of Jersey Geology, by R. Nelson.

Isle of Man. Map, with coloured strata.

BELGIUM.

Département de l'*Ourte* (Liège), Essai d'une Carte Géologique. 1801.

Karte des Schiefergebirges in den *Niederlanden* und am *Rhein*, durch K. von Oeynhausen und H. von Dechen.

FRANCE.

Essai d'une Carte Géologique de *la France*, des *Pays-Bas*, et de quelques Contrées voisines, par D'Omalius d'Halloy.

Carte Géologique de *la France*, sous la Direction de Brochant de Villiers, par Dufrénoy et Elie de Beaumont (Six sheets). 1840.

Carte Géognostique du *Plateau Tertiaire Parisien*, par Victor Raulin. 1843.

Calvados, Carte Géologique du Département, par A. de Caumont. 1825.

La Manche, Carte Géologique du Département, par A. de Caumont. 1825-27.

Nice, Geological Chart of the Department of, by Captain Marryat.

———, Carte Géognostique des Environs de.

GERMANY.

Deutschland und der grösste Theil der umliegenden Staaten, oder *Mittel-Europa*, von H. H. Gotthold [Geologically coloured from the large Map of Von Buch]. 1818.

Geognostische Karte von *Deutschland*, und den umliegenden Staaten, von Simon Schropp. 1826.

Austria, etc. Allgemeine geognostische Umrissse von dem Felsgebäude der *Karpathen*, von M. Lille von Lilienbach.

Bohemia, etc. Orohydrographische Karte von *Böhmen*, *Mähren* und *Oestreichisch Schlesien*.

EUROPE.

GERMANY.

Hartz. Geognostisches Bild der Karte von dem Harz-Gebirge von F. Julius, H. Berghaus und H. Brose. 1822.

Odenwald und einigen angränzenden Gegenden, Geognostische Karte von A. Klipstein. 1827.

Rhenish Provinces. Geognostische Karte der Rheinländer zwischen Basel und Mainz durch Oeynhausens, La Roche und von Dechen (2 parts). 1825.

Saxony. Geological Map of (on 11 sheets).

Styria. Geological Map of.

———. Map of, geologically coloured.

Wurtemberg. Charte von Schwaben, von J. A. Anman [Geognostische Karte des Königreichs Wurtemberg, dargestellt von Graf. F. von Mandelsloh.] 1832.

ITALY.

Carte Géologique du Terrain entre le Lac d'Orta et celui de Lugano, par L. de Buch.

Sicily. Geognostical Map, by Dr. Daubeny. 1825.

RUSSIA. Geological Map, by Messrs. Murchison, De Verneuil and Keyserling.

Geological Map of the Ural Mountains, by the same.

Mineralogische Karte von den Uralischen Erzgebürge in Sibirien, von B. F. J. Hermann.

SCANDINAVIA.

Denmark. Kongeriget Danmark med Hertugdømmet Slesvig, af Dr. Geo. Forchhammer (2 sheets). 1841.

Lappland. Swappawara Koppar och Jaerngrufwor uti Tornea, Lappmark.

Norway. Carte Géologique de Brevig.

———. Uebergangs-Territorium von Christiania.

———. Carte Géologique de Holmestrand.

———. Vettarkolden, près de Christiania.

Norway and Sweden. Petrografisk Karta öfver Södra Delarne af Sverige och Norrige. 1804.

Sweden. Petrografisk Karta öfver Skåne. 1804.

———. Petrografisk Karta öfver en del af Göta Rike. 1804.

———. Geognostisk Karta öfver Medlersta och Södra Delarne af Sverige, af W. Hisinger.

———. Petrografisk Karta öfver Nerike. 1804.

———. Charta öfver Adelforss Guldgrufwor och Malmfalt uti Alsheda Socken i Småland. 1786.

———. Map of the Gellivara Mountain, where the Swedish *Co-rundunal* is found.

SPAIN.

Croquis de una Parte del Terreno Carbonifero de *Asturias* con la Indicacion de los Caminos y Puertos.

EUROPE.

SWITZERLAND.

Carte Physique et Minéralogique du *Mont-Blanc* et des Montagnes et Vallées qui l'avoisinent, par J. B. Raymond. 1799.

Carte spéciale et petrographique du Mont *St. Gotthardt*, et de ses environs, par le Père Placidus à Spectra.

TURKEY.

Carte de la Turquie d'Europe, par A. Boué (geologically coloured).

ASIA.

Map of *Lycia*, *Pamphylia*, etc. (geologically coloured).

Carte Géologique de la Chaîne du *Tatra* et des Soulèvements parallèles.

AMERICA (NORTH). Geological Map of, by Mr. Lyell.

UNITED STATES. Map of, with the contiguous British and Spanish possessions, by John Melish [with the Geological Divisions from Maclure's Geological Map], (2 parts). 1816.

NOVA SCOTIA. Map of the province of, including Cape Breton Island, by W. Mackay (geologically coloured). 1834.

Geological Map of the Arctic Regions near the Mackenzie River, Great Bear Lake, etc.

AMERICA (SOUTH).

BRAZIL. Geological Map of part of.

MEXICO. Esquisse Géologique des Environs de Guanajuato, par A. de Humboldt, sur des mesures faites en 1803.

———. Carta Geognostica de los Distritos Minerales del Estado de Mexico, por F. de Gerolt y C. de Berghes. 1827.

AUSTRALIA.

NEW SOUTH WALES. Map of the Colony, by T. L. Mitchell (geologically coloured). 1834.

II. MISCELLANEOUS TABLES, ETC. RELATING TO GEOLOGY.

Entwurf eines Schema zur Illumination geognostischer Charten, von F. W. Kliewer.

Explanatory Table of Colours in the Geological Map of Austria, by A. Boué.

Farben Tafel für die zu denen geognostischen Landes-Untersuchungen zu fertigenden illuminirten petrographischen Karten.

Index Geologicus, by Bartlett.

Measurement, Geological Section and Plan of the Road from Callao to the Silver Mines of Cerro Pasco, etc., by E de Rivero.

SECOND DIVISION.

PHYSICAL MAPS.

THE WORLD. The Physical Atlas. A series of Maps illustrating the Geographical Distribution of Natural Phenomena. By H. Berghaus and A. K. Johnston. 1845.—

Description of the Maps at present published.

METEOROLOGY AND MAGNETISM.

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- 2.
- 3.
4. Hyetographic or Rain-Map of the World.

HYDROLOGY.

1. Chart of the Atlantic Ocean (Currents, Temperature, Banks, Rocks and Routes of Ships).
- 2.
3. Chart of the Pacific Ocean (Currents, Temperature, Routes, etc.).
- 4.
5. The River Systems of Asia and Europe.

GEOLOGY.

1. Mountain Systems of Europe, constructed on the basis of Contour lines.
- 2.
- 3.
- 4.
- 5.
6. Glacier Systems and Glacial Phenomena, by Prof. J. Forbes.

PHYTOLOGY AND ZOOLOGY.

1. Botanical Geography. The Distribution of Plants in horizontal and perpendicular directions.
- 2.
3. Zoological Geography.—Sheet 1. Distribution of the Carnivora, etc.
4. " " Sheet 2. Distribution of the Pachydermata, Edentata, Marsupialia and Bimana.

Carte Hydrographique des Parties Connues de la Terre, dressée sur la Projection de Mercator par C. L. Gressier. 1835.

- EUROPE. *Esquisse Orographique de Par Bredsdorff et Olsen.* 1830.
 ———. *Map of the Alpine country in the south of (2 sheets).* 1804.
- ENGLAND. *Physical, Historical and Political Map of England and Wales, from the Surveys, etc. of the Royal Society, by John Andrews; 2 parts.* 1786.
 ———. *Map of the Rivers, etc. of England and Wales, by A. Arrowsmith, from the Trigonometrical Survey, etc. (4 sheets).* 1813.
 ———. *Map of the Inland Navigation of England and Wales (with the principal Mountains sketched in by Carey).* 1811.
 ———. *Cornwall.* *Map showing the Situation of the Hills from Hensbarrow to the Pentowan Stream Work, with the adjacent country.*
 ———. *Kent.* *Philosophico-Chorographical Chart of East Kent, invented by Christopher Packe, M.D. (4 sheets).* 1743.
 ———. *Warwickshire.* *Map of the Upper and Lower Lickey Ranges.*
- WALES. *Anaglyptographic Map of the Mountains of Part of Anglesea and Carnarvonshire.* 1838.
 ———. *Snowdon.* *Reconnoitring Essay, comprising the Mountain of Snowdon, by B. Buxton, etc.* 1814.
- IRELAND. *Dublin.* *Sketch of the Mountainous Country near Dublin.*
- BAVARIA. *Fichtelgebirge.* *Orographische Charte, gezeichnet von Helfrecht.* 1800.
- FRANCE. *Carte Physique, Administrative, et Routière de la France, indiquant aussi la Navigation intérieure du Royaume, par A. H. Brué,* 1818.
- GERMANY. *Map of the Physical Divisions, by A. Arrowsmith (6 sheets).* 1821.
- ILE DE PALMA. *Carte Physique, par Leop. de Buch.* 1824.
- ILE DE TENERIFFE. *Carte Physique, par Leop. de Buch.* 1824.

AMERICA (SOUTH).

Outline of the Physical and Political Divisions.

- NEW GRANADA. *Plan Hypsométrique du Volcan de Pichincha, par A. de Humboldt.* 1827.
 ———. *Carte Hydrographique de la Province du Choco, d'après le Plan de Don Juan Donoso.* 1827.
- Esquisse Hypsométrique des Nœuds de Montagnes de la Cordillère des Andes depuis le Cap de Horn jusqu'à l'Isthme de Panama, par A. de Humboldt.* 1831.

THIRD DIVISION.

GENERAL MAPS.

THE WORLD.

Cary's Universal Atlas, containing distinct Maps of the Principal States and Kingdoms of the World. oblong folio. *London*, 1808.

Projection of the Globe on the Cylinder of a Meridian, by James Vetch (with Memoir).

Outline Map, by C. Bradbury.

EUROPE.

Map by A. Arrowsmith.

Skeleton Map of, by C. F. Klöden. 1814.

BRITISH ISLANDS.

England and Wales.

Ordnance Survey Maps.

	Name.	Parts of Counties.
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2.	Sheerness.	Essex and Kent.
3.	Canterbury.	Kent.
4.	Dengeness.	Kent.
5.	Hastings.	Sussex, Kent.
6.	Maidstone.	Kent, Surrey, Sussex.
7.	London.	Middlesex, Bucks, Herts.
8.	Dorking.	Surrey, Berks, Hants.
9.	Brighton.	Sussex.
10.	Isle of Wight.	Isle of Wight.
11.	Winchester.	Hants.
12.	Basingstoke.	Hants., Berks.
13.	Oxford.	Berks., Oxford.
14.	Devizes.	Wilts.
15.	Salisbury.	Wilts, Dorset, Hants.
16.	Poole.	Dorset, Hants.
17.	Dorchester.	Dorset.
18.	Sherborne.	Dorset, Somerset.
19.	Bath and Wells.	Somerset, Wilts.
20.	Bridgewater.	Somerset, Glamorgan.
21.	Tiverton.	Somerset, Devon.
22.	Exeter.	Devon.

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BRITISH ISLANDS.

England and Wales.

Ordnance Survey Maps.

	Name.	Parts of Counties.
Sheet No. 23.	Dartmouth.	Devon.
24.	Plymouth.	Devon, Cornwall.
25.	Tavistock.	Devon, Cornwall.
26.	Bideford.	Devon.
27.	Barnstable.	Devon, Somerset.
28.	Lundy Island.	Lundy Island.
29.	Hartland Point.	Cornwall.
30.	Camelford.	Cornwall.
31.	Truro.	Cornwall.
32.	Lizard Head.	Cornwall.
33.	Penzance.	Cornwall.
34.	Cirencester.	Gloucester, Wilts.
35.	Bristol.	Gloucester, Monmouth.
36.	Cardiff.	Monmouth, Glamorgan.
37.	Swansea.	Glamorgan, Carmarthen.
38.	Pembroke.	Pembroke.
39.	Small's Light.	
40.	Haverfordwest.	Pembroke, Carmarthen.
41.	Caermarthen.	Caermarthen.
42.	Brecon.	Brecknock, Radnor, Hereford, Monmouth.
43.	Hereford.	Hereford, Worcester, Gloucester, Monmouth.
44.	Cheltenham.	Worcester, Warwick, Gloucester, Oxford.
45.	Banbury.	Oxford, Warwick, Northampton, Bucks.
46.	Woburn.	Buckingham, Bedford, Hertford.
47.	Dunmow.	Hertford, Essex.
48.	Colchester.	Essex, Suffolk.
49.	Dunwich.	Suffolk.
50.	Eye.	Suffolk, Norfolk.
51.	Cambridge.	Cambridge, Suffolk.
52.	Bedford.	Northampton, Bedford, Huntingdon.
53.	Daventry.	Warwick, Northampton.
54.	Worcester.	Worcester, Warwick.
55.	Leominster.	Hereford, Worcester.
56.	Radnor.	Radnor, Brecknock, Hereford.
57.	Tregaron.	Cardigan.

EUROPE.

BRITISH ISLANDS.

England and Wales.

Ordnance Survey Maps.

	Name.	Parts of Counties.
Sheet No. 58.	Cardigan.	Cardigan.
59.	Machynhleth.	Cardigan, Merioneth, Montgomery.
60.	Montgomery.	Montgomery, Salop.
61.	Shrewsbury.	Salop, Stafford, Worcester.
62.	Litchfield.	Stafford, Worcester, Warwick.
63.	Leicester.	Warwick, Leicester.
64.	Oakham.	Rutland, Northampton, Leicester, Lincoln, Cambridge, Huntingdon.
65.	Downham.	Cambridge, Lincoln, Norfolk.
66.	Norwich.	Norfolk.
67.	Yarmouth.	Norfolk, Suffolk.
68.	Cromer.	Norfolk.
69.	Boston.	Norfolk, Lincoln.
70.	Sleaford.	Lincoln, Leicester, Nottingham.
71.	Nottingham.	Nottingham, Leicester, Derby.
72.	Stafford.	Derby, Stafford.
73.	Market Drayton.	Stafford, Salop, Chester, Denbigh.
74.	Llangollen.	Salop, Denbigh, Merioneth, Montgomery.
75.	Harlech.	Merioneth, Caernarvon.
76.	Bardsey Island.	Caernarvon.
77.	Holyhead.	Anglesey.
78.	Bangor.	Anglesey, Caernarvon, Denbigh.
79.	Denbigh.	Denbigh, Flint, Chester.
80.	Northwich.	Chester, Lancaster.
81.	Buxton.	Chester, Stafford, Derby.
82.	Chesterfield.	Derby, York, Nottingham.
83.	Lincoln.	Nottingham, Lincoln.
84.	Louth.	Lincoln.
85.	Pattingham.	Lincoln, York.
86.	Hull.	Lincoln, York.
87.	Doncaster.	York.
88.	Huddersfield.	York, Lancaster, Chester, Derby.
89.	Bolton.	Lancaster.
90.	Ormskirk.	Lancaster.

EUROPE.

BRITISH ISLANDS.

England and Wales.

Ordnance Survey Maps.

Alphabetical County Abstract of the Sheets.

County.	No. of Map.	County.	No. of Map.
Bedford.	46, 52.	Man, Isle of.	
Berks.	8, 12, 13.	Middlesex.	7.
Buckingham.	7, 45, 46.	Monmouth.	35, 36, 42, 43.
Cambridge.	51, 64, 65.	Norfolk.	50, 65 to 69.
Chester.	73, 79 to 81, 88.	Northampton.	45, 52, 53, 64.
Cornwall.	24, 25, 28 to 33.	Northumberland.	
Cumberland.		Nottingham.	70, 71, 82, 83.
Derby.	71, 72, 81, 82, 88.	Oxford.	13, 44, 45.
Devon.	21 to 27.	Rutland.	64.
Dorset.	15 to 18.	Salop.	60, 61, 73, 74.
Durham.		Somerset.	18 to 21, 27.
Essex.	1, 2, 47, 48.	Stafford.	61, 62, 72, 73, 81.
Gloucester.	34, 35, 43, 44.	Suffolk.	48 to 51, 67.
Hants.	8, 10 to 12, 15, 16.	Surrey.	6, 8.
Hereford.	42, 43, 55, 56.	Sussex.	5, 6, 9.
Hertford.	7, 46, 47.	Warwick.	44, 45, 53, 54, 62, 63.
Huntingdon.	52, 64.	Westmoreland.	
Kent.	2 to 6.	Wilts.	14, 15, 19, 34.
Lancaster.	80, 88 to 90.	Worcester.	43, 44, 54, 55, 61, 62.
Leicester.	63, 64, 70, 71.	York.	82, 85 to 88.
Lincoln.	64, 65, 69, 70, 83 to 86.		

Wales.

Anglesey.	77, 78.	Flints.	79.
Brecon.	42, 56.	Glamorgan.	20, 36, 37.
Caermarthen.	37, 40, 41.	Merioneth.	59, 74, 75.
Caernarvon.	75, 76, 78.	Montgomery.	59, 60, 74.
Cardigan.	57 to 59.	Pembroke.	38, 40.
Denbigh.	73, 74, 78, 79.	Radnor.	42, 56.

Diagram of the Great Triangles in the Trigonometrical Survey. 1811.

Map of England and Wales, by A. Arrowsmith (18 sheets). 1818.

Cary's English Atlas, a set of County maps. 4^o 1793.

Bath. Map of five miles round Bath. 1799.

Cumberland and Westmoreland. Map, divided into their respective wards. 1760.

Derbyshire. Map of the County of Derby, divided into Hundreds, etc., by E. Bowen.

EUROPE.

BRITISH ISLANDS.

England.

Devonshire. Survey of, with part of the adjoining Counties, by Col. W. Mudge.

Durham. Map of, by Thomas Kitchin.

Essex. General Survey of, by Colonel W. Mudge. 1805.

Hampshire, or the County of Southampton, including the Isle of Wight, from a Survey by T. Milne in 1788-90 by W. Faden (six sheets). 1791.

Kent. Survey of, by Col. W. Mudge. 1801.

————. Map, reduced from the Ordnance Survey. 1807.

Shropshire. Map of, by Robert Baugh.

Sussex. Map of, from a Survey by W. Gardner, T. Yeakell and Thomas Gream; 2 parts. 1795.

Wales. Map of North Wales, by J. and E. Furnival. 1814.

Scotland. Map, by John Ainslie. 1800.

————. Map of, constructed from the Materials of the Commissioners for making Roads, etc. in the Highlands, by P. Arrowsmith (4 sheets). 1810.

Inverness-shire. Map of the Estates of Glengarry and Inverlochy Castle in, by G. C. Smith. 1840.

————. Map of the Lands of Glengarry in, by G. C. Smith. 1840.

————. Map of the Lands of Inverlochy Castle in, by G. C. Smith. 1840.

Sutherland. Map of the County of, on the basis of the Trigonometrical Survey in 1831-32, by G. Burnett and W. Scott (6 sheets). 1833.

Isle of Man. Plan of the, by Peter Fannin. 1789.

Ireland. Map of, by A. Arrowsmith (4 sheets). 1811.

————. Map of, from Trigonometrical Surveys, etc., by James Palmer. 1821.

————. Map of, by Alex. Taylor.

Ordnance Townland Survey, namely,

Antrim County,	68 Sheets.	1833-34.
Armagh "	32 "	1835-36.
Carlow "	26 "	1840.
Cavan "	44 "	1836-37.
Clare "	75 "	1841-42.
Cork "		
Donegal "	110 "	1836.
Down "	57 "	1835.

EUROPE.

BRITISH ISLANDS.

Ireland.

Ordnance Townland Survey, continued.

Dublin	„	28 Sheets.	1843-44.
Fermanagh	„	43 „	1835.
Galway	„	137 „	1840-41.
Kerry			
Kildare	„	40 „	1839.
Kilkenny	„	47 „	
King's County,		47 „	1840.
Leitrim	„	38 „	1837.
Limerick	„	60 „	1844.
Londonderry „		49 „	1833.
Longford	„	27 „	1837-38.
Louth	„	25 „	1836.
Mayo	„	123 „	1839-40.
Meath	„	53 „	1837.
Monaghan	„	34 „	1836.
Queen's County,		37 „	1841.
Roscommon „		56 „	1838.
Sligo	„	47 „	1837-38.
Tipperary	„	91 „	1843.
Tyrone	„	68 „	1834.
Waterford	„	40 „	1842.
Westmeath	„	40 „	1838.
Wexford	„	54 „	1841.
Wicklow	„	47 „	1840.

Antrim. Map of the County of, by J. Lendrick (2 parts). 1780.

Donegal. Map of the County of, by W. M'Crea. 1801.

Dublin. Map of the County of.

Lough Erne and Donegal Bay. Chart of, with a map of the adjacent Country, from a Trigonometrical Survey, by G. Montgomery. 1818.

Mayo. Map of the Maritime County of Mayo with barometrical altitudes of the mountains, levels and depths of the Bays and Lakes, Astronomical Observations, etc., by Wm. Bald (25 sheets). 1830.

Wicklow. Map of the County of, by A. R. Nevill.

AUSTRIA. Karte des Erzherzogthums Oesterreich ob und unter der Enns, von Ludwig Schmid. 1800.

———. Karte des Erzherzogthums Oesterreich, ob und unter der Enns, astronomisch—trigonometrisch vermessen, u.s.w., von dem General Stabe (25 sheets). 1813.

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AUSTRIA. Das Oesterreichsche Kaiserthum mit Theilen der angrenzenden Staaten, unter der Leitung des Obersten Fallon (4 sheets). 1822.

———. General Karte des Erzherzogthums Oesterreich ob und unter der Enns von dem Quartiermeister Stabe. 1823.

———. See also *Tyrol*.

BAVARIA. Postkarte des Königreichs Baiern, mit den Umgebungen angrenzender Staaten.

BELGIUM. Nouvelle Carte de la Belgique, par Van der Mälen.

BOHEMIA. Charte vom Königreich Böhmen von F. L. Guessefeld. 1799.

CORSICA. Ile et Département de la Corse, par Perrot et Aupick. 1826.

CRIMEA. Map of the (Russian) (10 sheets). 1817.

———. Carte de la Crimée ou Tauride, pour servir au Voyage en 1803 de J. Reuilly, par J. B. Poirson.

FEROE ISLANDS. Karte over Færoerne, af H. Born. 1806.

FINLAND. Wäge-Charta ofwer Finland och Norrland.

———. Magnus Ducatus Finlandiæ.

FRANCE. Royaume de France, divisé en 86 départemens, par les soins de J. Goujon. 1821.

———. Carte Routière de la France dressée par ordre du Directeur des Ponts et Chaussées (2 parts). 1821.

———. Carte Générale par Départemens, servant à la Carte de France de Cassini, par C. Picquet.

———. Atlas Nationale de France (par Cassini). 1790.

No. 10. Département de l'Oise.

11. „ de la Seine et de l'Oise.

13. „ de l'Eure.

14. „ de la Somme.

19. „ du Pas de Calais.

21. „ d'Indre et Loire.

22. „ de la Loire Inférieure.

24. „ de la Gironde.

26. „ du Calvados.

30. „ du Nord.

31. „ de Lille et Vilaine.

32. „ de la Manche.

33. „ du Morbihan.

38. „ de la Vendée.

39. „ de Mayne et Loire.

40. „ de la Charente Inférieure.

50. „ de la Vienne.

51. „ de l'Indre.

56. „ du Gers.

57. „ de la Dordogne.

59. „ de la Charente.

EUROPE.

FRANCE. Atlas Nationale, continued.

No. 60. Département des Landes.

61.	„	du Puy de Dome.
64.	„	de la Haute Garonne.
66.	„	des Basses Pyrénées.
67.	„	des Hautes Pyrénées.
78.	„	de la Haute Vienne.
89.	„	de Jemappes.
91.	„	de la Lys.
92.	„	de l'Escaut.
96.	„	de la Dyle.

Carte Itinéraire de la Brétagne, par Dezauche. 1800.

Gouvernement de Normandie (3 sheets).

GERMANY. Das Deutsche Reich, von Schneider und Weigel. 1797.

———. Charte des Deutscher Reiches, von J. B. Homann.

GREECE. Carte des Côtes et Iles de la Grèce. 1822.

———. Ile de Cérigo autrefois Cythère.

———. Lanzarote, von Leop. von Buch. 1820.

———. Karte der Insel Thera oder Santorin, von C. Ritter. 1840.

HARTZ. Carte des Harz Gebirges, von G. S. Otto Lasius. 1789.

———. Charte, von J. H. Fritsch. 1817.

HUNGARY. Carta Generalis Magni Principatus Transilvaniæ. 1816.

———. Mappa Generalis Regni Hungariæ, partiumque Croatia, Slavoniæ et Transylvaniæ, a Joanne de Lipszky (in 3 parts, with 3 sheets of Tables). 1806.

———. Charte von Ungarn und Liebenbürgen, Croatien, Slavonien, Dalmatien, Gallicien, und Lodomerien, von C. Mannert. 1799.

ICELAND. Nette Karte von Island. 1785.

———. Partie de l'Islande (Nos. 1, 2 et 10).

ILLYRIAN PROVINCES. Carta delle Provincie Illiriche co' loro diversi Stabilimenti e con una parte degli Stati Limitrofi. 1813.

ITALY. Carta Amministrativa del Regno d'Italia co' suoi Stabilimenti politici, militari, civili e religiosi, e con una parte degli Stati Limitrofi. 1813.

———. Regno Lombardo-Veneto. Carta Topografica del, con il Parmigiano, Genovesato e Toscana sino a Firenze, dal originati di T. Maresciallo, Bar. de Zach, disegnata da G. A. F. Pinetti (3 sheets).

———. Republica Romana, Carta del Territorio della, divisa nei suoi Dipartimenti.

———. South Italy and adjacent Coasts, by A. Arrowsmith. 1821.

———. Viaggio da Milano ai Tre Laghi, Maggiore, Lugano, e Como.

———. I Contorni di Milano sino a 25,000 metri al sud e 40,000 all' ouest (4 sheets).

———. Agro Napoletano, Topografia da G. A. Rizzi Zannoni.

1793.

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- ITALY. Napoli, Littorale di, da Gio. A. Rizzi Zannoni. 1794.
 ———. Napoli, Contorni di, da Giov. E. Westphal. 1832.
 ———. Ducato di Venezia, astronomicamente e trigonometricamente delineato da Ant. Bar. de Zach, dato in luce da G. M. Bar. de Liechtenstern.
- POLAND. Carte du ci-devant Royaume de Pologne, dressée par A. P. H. Nordmann (9 sheets). 1820.
 ———. Topographische Karte von Ost Galizien, und Lodomerien, von dem Gallizischen Strassenhauptdirector Gross (11 sheets).
 ———. Karte eines Theils von Neu oder West Gallicien, nebst einem Theil von Alt Gallicien, von Dan. G. Reymann (2 sheets). 1797.
- PYRÉNÉES. Carte Générale des, et Partie des Royaumes de France et d'Espagne, par le Sr. Roussel.
- RHINE. Topographische Karte des Rhein-Stroms von Basel bis Bonn, sammt den umliegenden Gegenden, nach Delisle und Rheinwald, von J. Dirwalt (2 sheets). 1814.
 ———. Map of part of, from Basle to Spire, etc., by Cassini.
- RUSSIA. Carte de la partie Européenne et Asiatique de l'Empire de Russie (2 sheets). 1812.
 ———. Carte des Découvertes faites par des Vaisseaux Russiens aux côtes inconnues de l'Amérique Septentrionale, etc. (*Siberie*). 1784.
 ———. Sinus Finnicus von Cronstad bis St. Petersburg.
 ———. Archangelopolitani Tabula Gubernii, a J. F. Schmidio. 1773.
 ———. Ingria et Carelia.
 ———. Nawa Fluvius e Lacu Ladoga Petropolin versus procurrens.
 ———. Ladogensis Canalis.
 ———. Lodoga Lacus, et Sinus Finnicus.
 ———. Mappa Gubernii Petropolitani, a J. F. Schmidio. 1770.
 ———. Novogorodiensis Tabula Gubernii a Schmidio (2 parts). 1772.
 ———. Map of the Isle of Oesel [in Russian].
 ———. Sibiria Vetus.
 ———. Wiburgensis Tabula Gubernii a Schmidio. 1772.
- SAXONY. Karte von den Sächsischen Ländern, von Schneider und Weigel. 1800.
 ———. Berg, Fluss, Post, und Strassen-Charte vom Königreiche Sachsen, von R. v. L. 1815.
 ———. Das Königreich Sachsen, nebst den Angrenzenden Ländern, von Joseph Dirwaldt. 1816.
 ———. Map of Part of Upper Saxony.
 ———. Charte vom Nieder-Sächsischen Kreise, von F. L. Guessefeld. 1800.
 ———. Topographische Reisekarte durch die umliegende Gegend von Dresden. 1804.
 ———. Plan von der Sächsischen Schweiz.

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SILESIA. Principatus Varii Silesiæ tabulis geographicis a J. W. Wiegand et M. Schubarth (16 sheets in 2 Cases). 1736.

————. Ducatus Silesiæ tabula geographica per Tob. Maier (4 sheets). 1746.

————. Comitatus Glaciensis, a Tob. Maier. 1747.

————. Charte von Schlesien und Mähren von F. L. Guessefeld. 1799.

SPAIN AND PORTUGAL. Espagne et Portugal d'après les dernières Observations Astronomiques, les nouvelles cartes Espagnoles et l'Atlas de T. Lopez, par E. F. Davidos (2 parts). 1820.

SPAIN. Karte von Spanien, nach der neuen Karte von Lopez, von Conrad Mannert. 1799.

————. Cadiz, Harbour of, surveyed by Don Vincent Tofino. 1812.

STYRIA. Carte von Inner-Oestreich, von Joseph de Castro. 1812.

SWABIA. Charte von Schwaben, trigonometrisch gezeichnet von T. A. Amman.

————. Charte von Schwaben, Wirtemberg, etc., trigonometrisch gezeichnet von Bohnenberger und Aman (24 sheets in 2 Cases).

————. Croquis de Carte Militaire de la Souabe, par les Ingénieurs du Dépôt Général de la Guerre. 1801.

SWEDEN, NORWAY and LAPLAND, with details by Lieut.-Col. Hagelstam, translated by Arthur de Capell Brooke.

SWEDEN and NORWAY. Carte des Royaumes de Suède et de Norvège, d'après le Baron d'Hermelin et Pontepidan, par J. D. P. Sotzmann. 1812.

SWEDEN. Karta öfver Sverige, af Karl Akrell. 1811.

————. Wäge-Charta öfver Swea och Götha Riken.

————. Kopparbergs, Säters, Näsgårds och Wäster Bergslagens Fögderier Stora Kopparbergs Höfdingedöme, af Hermelin. 1800.

————. Stora Kopparbergs Höfdingedöme eller Dalarne Charta, af Hermelin. 1800.

————. Dalarne. Charta. 1762.

————. Laponie, Partie de la.

————. Lulea Lappmark, samt Lulea, Ranea öfver och Neder Kalix. Charta af C. M. Robsahm. 1801.

————. Stockholm. Charta öfver Stockholms Höfdingedöme, af F. S. G. Hermelin. 1811.

————. Upsala. Charta, af Hermelin. 1801.

————. Wästeras Höfdingedöme. Charta, af F. S. G. Hermelin. 1800.

SWITZERLAND. Atlas Suisse, par J. H. Weiss (16 sheets in 2 Cases). 1802.

————. Carte de la Suisse, par F. Grasset. 1769.

————. La Suisse et les Pays Limitrophes, par Bauerkeller. 1842.

————. Genève, Le Canton de. 1817.

————. Glarus, Der Canton.

EUROPE.

SWITZERLAND. Neuchâtel, Carte de la Principauté de, par J. F. d'Ostervald. 1806.

———. St. Gallen und Appenzell, Die Cantone.

———. Schaffhausen und Thurgau, Die Cantone:

———. Ticino, Der Canton.

———. Uri und Unterwalden, Die Cantone.

———. Mont-Blanc et les Vallées qui l'environnent jusqu'au Lac de Genève par J. Dubois, publié par Bauerkeller. 1842.

———. Rigi, Carte de la vue sur le.

———. Simplon, Chart of the Road of the, between Brig and Doma d'Ossola.

———. Lemman, Lac, Carte des principales Sondes du, par Sir H. De la Beche. 1827.

TURKEY. Moldau, Siebenburgen, Walachey, Bulgocien, Lodomerien, etc.

———. Carte de la Turquie d'Europe, par Al. Konrad. 1822.

TYROL. Carte von, nach Peter Anich, und neuern Hülfquellen verfasst von J. E. S. 1809.

WÜRTEMBERG. Charte trigonometrisch gezeichnet von T. G. F. Bohnenberger (three sheets).

ASIA.

Map by A. Arrowsmith. 1818.

ARABIA. Map of Arabia Petrea, the Holy Land, and Part of Egypt, Ancient and Modern, designed to illustrate the Exodus and Journeying of the Israelites, by Richard Palmer (3 sheets). 1841.

ASIA MINOR. Map of. 1830.

BOKHARA. Map of the Khanat of, and a portion of the Kirghiz Steppes, prepared by Baron Meyendorff, revised by Col. Lapie and Amadis de Jaubert. 1843.

INDIA. The Indian Atlas, published by the East India Company, Nos. 42, 43, 44, 47, 48, 49, '58, 59, 60, 61, 63, 65, 66, 69, 70, 72, 76, 77, 78, 80, 81, 95, 109, 124, 125, 129, 130, 131, 138, with Index Map (thirty sheets).

———. Plan of the Trigonometrical Operations in the Peninsula of India, from 1802 to 1814, under the superintendence of Lieut.-Col. W. Lambton (eight sheets). 1827.

———. Map of India, by A. Arrowsmith (nine sheets). 1821.

———. Bombay, the Island of, from the Original Survey by Capt. T. Dickinson, in 1812-16. 1843.

———. Ceylon, Map of the Island of, by A. Arrowsmith. 1805.

———. Himala Mountains, Sketch of the Part visited by Mr. Fraser and Lieut. A. Gerrard, in 1815.

———. ——. The same, reduced size.

———. ——. Map to illustrate Capt. Alex. Gerard's Route through. 1821.

———. ——. Map of a Tour through, to the Sources of the Jumna and Ganges, performed in 1815, by J. B. Fraser. 1820.

———. Hindostan, according to its Political Divisions.

ASIA.

INDIA. Trigonometrical Survey of the Country to the West of Nirmul, between 18 and 21 degrees of latitude. 1827.

———. Nizam's Dominions, Plan of the Trigonometrical Operations in the, from Kurnool to the Godavery, by Lieut.-Col. W. Lambton. 1827.

———. ———, Sketch of the Principal Triangles extending over the Nizam's Dominions to the East of Nirmul and Kurnool, by Lieut.-Col. W. Lambton, and Capt. G. Everest. 1827.

SYRIA. Sketch of the Countries between Jerusalem and Aleppo, by A. Arrowsmith (two sheets). 1814.

Map to accompany Travels in Russia, Persia, etc.

TURKEY, containing the Provinces in Asia Minor. 1830.

AFRICA.

Map by A. Arrowsmith (four sheets). 1811.

Map, by A. Arrowsmith. 1823.

AÇORES, Carte Réduite des Iles, d'après les observations de Fleurien et Tofino.

EGYPT, Map of, by W. M. Leake, with the Supplement, or Course of the Nile from Essouan to the Confines of Dongola (two parts). 1818.

AMERICA.

Map, by A. Arrowsmith. 1822.

AMERICA (NORTH).

Map of the Discoveries by British Officers in the Arctic Regions, from 1818 to 1826. 1828.

Route of the Land Arctic Expedition under Capt. Franklin, from Great Slave Lake to Great Bear Lake River, by E. N. Kendall. 1825.

Map of the New Discoveries in the Interior parts of, by A. Arrowsmith. 1811.

Discoveries of the Expedition under Capt. Franklin near the Mouth of the Mackenzie River, and on the Sea-Coast, East and West, in 1825-26, by E. N. Kendall. 1828.

Route of the Expedition from York Factory to Cumberland House, and to the Isle à la Crosse, in 1819-20. 1828.

Route of the Expedition in 1825, from Fort William to the Saskatchewan River, surveyed by Back and Kendall. 1828.

UNITED STATES, Map by John Cary. 1806.

AMERICA (SOUTH).

Outlines of the Physical and Political Divisions, by A. Arrowsmith. 1811.

LA PLATA. The Banda Oriental and Chile, from the MSS. of Woodbine Parish, by A. Arrowsmith. 1834.

MEXICO and adjacent Provinces, by A. Arrowsmith. 1810.

WEST INDIES.

Antigua, laid down by actual Survey, and engraved by John Luffman (two parts). 1788.

AMERICA (SOUTH).**WEST INDIES.**

Antigua, Outline of the Island of.

Guadaloupe, Carte de l'Isle de la, par le Col. Boyer-Peyreleau.

Caribbee Islands—La Martinique.

AUSTRALIA.

Map of the Country in 1839. 1840.

Map of the Eastern Portion, by John Arrowsmith. 1842.

Map from Surveys by Order of the British Government, etc., by
John Arrowsmith. 1842.

Route of the Expedition from Isle à la Crosse to Fort Providence, in
1819-20.

The South-Eastern Portion, compiled from the Colonial Surveys, etc.,
by John Arrowsmith. 1842.

FOURTH DIVISION.

ECONOMIC MAPS.

1. CANALS AND HARBOURS.

- Map of the Rivers, Canals and Great Roads of England and Wales, by A. Arrowsmith, from the Trigonometrical Survey, etc. (4 sheets). 1813.
- Map of Canals, etc. in the Midland Counties of England, by G. Bradshaw. 1830.
- Plan of the intended Canal from the Wilts and Berks Canal at Abingdon to Marsworth.
- Plan of the proposed Western Junction Canal.
- Plan of the Gloucester and Berkeley Canal. 1795.
- Plan of the intended Harbour and Wet-Dock in St. Nicholas Bay, Isle of Thanet, and Canal to Canterbury. 1810.
- Map of Canals in the Counties of Lancaster, York, Derby and Chester, by G. Bradshaw.
- Plan of the Ashton-under-Lyne, Peak Forest, Huddersfield and Rochdale Canals, by T. Brown.
- Plan of the Rochdale Canal between the Calder Navigation, Yorkshire, and the Duke of Bridgewater's Canal near Manchester, by Wm. Crosley. 1791.
- Plan of the proposed Rochdale Canal.
- Plan of the Ashby-de-la-Zouch Canal, its connection with the Coventry and Oxford Canals, etc.
- Projected Canal from Bristol to Taunton.
- Plan of a Canal from Newport to Pontnewynydd, with a Branch to Crumlin Bridge, etc., by T. Dadford. 1792.
- The Course of the Wansditch through the Counties of Somerset and Wilts.
- Map of the intended Caledonian Canal from the Eastern to the Western Sea by Inverness and Fort-William.
- Plan of the Works of the Harbour of Dunmore, by Alex. Nimmo. 1818.
- Kanal von der Donau zum Maine. Grundplan und Längenprofil, von dem Freyherrn von Pechmann (2 sheets).
- Map of the Canals and Railroads of Pennsylvania and New Jersey, United States, by H. S. Tanner. 1841.

2. ROADS.

- Proposed Turnpike-road from Bath to Warminster.
 Map of the Country between Birmingham and Gloucester traversed by the Birmingham and Gloucester Railway. 1836.
 Section of the proposed Birmingham and Gloucester Railway. 1835.
 Section of the Birmingham and Gloucester Railway (to Camphill). 1838.
 Maps and Sections of the proposed Cheltenham, Oxford, and London and Birmingham Union Railway. 1836.
 Plan and Section of the proposed Chester Junction Railway from Liverpool to Chester and Crewe. 1836.
 Plan and Section of the proposed Chester and Crewe Railway. 1836.
 Plan and Sections of a proposed Cast-Iron Railway from Glasgow to Berwick-upon-Tweed. 1810.
 Section of Kemble Cutting—Cheltenham and Great Western Railway (a Drawing).
 Section of the Great Western Railway, from Reading to Paddington.
 Section of the proposed Railroad from London to Birmingham.
 Maps and Sections of the London and Birmingham Railway (two parts). 1833.
 Section of the Branch from Camphill to Birmingham. 1838.
 Plan of the London and Southampton Railway. 1833.
 Plan and Sections of the proposed Manchester South Union Railway. 1836.
 Maps and Sections of the Midland Counties Railway, with Book of Reference of the Names of the Owners of the Property described in them. 1835.
 Map of the proposed Philipsburg Railroad, United States. 1831.

3. MINES.

- Map showing the Geological Position and Commercial Distribution of the Coal of England and Wales. 1830.
 Index Map to the Coal and Iron Mine Districts in the Forest of Dean, County of Gloucester, by T. Sopwith. 1835.
 Plan of the Rivers Tyne and Wear, with the Collieries, &c. of Durham. 1807.
 Mineralogical and Geological Map of the Coal-Field of Lancashire, with Parts of Yorkshire, Cheshire, and Derbyshire, by Elias Hall.
 The Coal District of South Lancashire, illustrated, by James Heywood. 1838.
 Map of the Coal District in the County of Cork, by C. D. O. Jephson. 1834.
 Wicklow. Plan of Cronebane, in the County of Wicklow, the estate of the Irish Mine Company. 1806.
 Situation der Gebirgslager in Beziehung auf die bei Neichen vorgefundenen Steinkohlen.

Plan of Tywardreath Bay, the Carclais Mine, etc. (Cornwall).

Belgium. Carte administrative et industrielle, comprenant les Mines, Minières, etc. de la Belgique, publiée sous la direction de Cauchy (9 sheets).

4. TRADE.

State of the Trade of Great Britain with all parts of the world, progressively from 1697 to 1822, by C. Moreau.

Map of the Lakes where Shell-Marl is found, near Dundee, Scotland.

Map of the Wine District of the Alto-Douro in Portugal, by Jos. James Forrester. 1843.

Charts and Plans referred to in the Report on Telford's Report and Survey relative to the Communication between England and Ireland by the north-west of Scotland. 1809.

5. GENERAL INFORMATION.

Carte Générale de la Chaîne des Alpes contenant la Haute Italie, la Suisse, et l'Allemagne Méridionale, pour l'intelligence des Guerres de la Révolution par Jomini.

Carte Topographique militaire des Alpes, comprenant le Piémont, la Savoie, le Comté de Nice, le Vallais, le Duché de Gènes, le Milanais et partie des Etats Limitrophes par J. B. S. Raymond (in 2 parts). 1820.

Attack of the French Entrenched Position on the Nivelle, 10 Nov. 1813.

6. PLANS, ETC.

Plan de la Citadelle d'Anvers, assiégée et prise Decembre 1832.

Plan of London, 1837.

Pianta della Citta di Napoli [da Rizzi-Zannoni], 1790.

Plan of Phaselis.

Plan de Pompei, de D. André de Jorio, 1827.

Sketch of Reading.

Plan de la Forteresse de Ste. Maure dans l'Ile de Leucade.

FIFTH DIVISION.

CHARTS*.

A.

COASTS OF GREAT BRITAIN.

THE Banks and Soundings to the Westward of the British Islands, by
Capt. Vidal, in 1830-31. 1833.

1. THE RIVER THAMES, THE STRAITS OF DOVER, AND THE SOUTH
COAST OF ENGLAND.

Chart of the Coasts from the River Thames and South part of Ireland
to the Mediterranean Sea. 1810.

Survey of the Entrances or Channels into the River Thames, by Mac-
kenzie, Spence and Thomas. 1824.

The Downs, by Græme Spence, 1795, with the South and Queen's
Channels, by G. Thomas, 1819. 1819.

River Thames, Sea Reach, by Capt. F. Bullock, in 1836. 1841.

——— from Ramsgate to the Nore, by F. Bullock. 1844.

English Channel, General Chart of. 1780.

——— From the Surveys and Soundings of Capt. M. White (3
sheets). 1824.

———, with the Coasts of England and Ireland, by M. White; and
the Coast of France by Beautemps Beaupré (2 sheets). 1844.

——— Coast to the Eastward of Beachy Head, by Capt. M. White,
in 1823. 1832.

——— — from Dover to Winchelsea, by G. Spence, Capt. John-
stone and J. Tapper. 1809.

——— — from Winchelsea to Beachy Head, by G. Spence and
J. Murray. 1807.

——— — from Beachy Head to Worthing, by J. Murray, in
1806. 1810.

——— — from New Shoreham to Selsea Bill, by J. Murray, in
1807. 1810.

——— Part of the Channel between the Isle of Wight and Hamp-
shire, by M. Mackenzie, in 1781. 1808.

* The general plan of arrangement adopted with regard to the Charts will be under-
stood by consulting the Table of Contents. It may be sufficient to state here that under
each heading the charts of the coast line are first mentioned, then the gulfs, bays, creeks,
inlets, etc., then the harbours, then the ports, and lastly the islands. Alphabetical
order is preserved under all the different headings, except the first (the coast line).

1. THE RIVER THAMES, THE STRAITS OF DOVER, AND THE SOUTH COAST OF ENGLAND, continued.

English Channel. Survey of Part of the Isle of Wight, with the Coast of Hampshire, from Gillkicker Point to Calshot Castle, with the Motherbank, by M. Mackenzie, in 1783. 1808.

———. South Side of the Isle of Wight, from St. Helen's Road to the Needles Point, by M. Mackenzie, in 1783–85. 1808.

———. South Coast of England from Blackwood Point to St. Alban's Head, by M. Mackenzie, 1785. 1810.

———. From St. Alban's Head to Abbotsbury, by M. Mackenzie, 1787. 1808.

———. From Abbotsbury to Sidmouth, by M. Mackenzie, in 1787. 1809.

———. Chart of the Coast of Devonshire from Exmouth to Rame Head. 1826.

———. Coast from Plymouth to the Lizard, with Plan of Fowey Harbour, by M. Mackenzie, 1773. 1809.

Harbours, Bays, etc.

Dartmouth Harbour, by M. White, 1826. 1829.

Dover Harbour, by J. Scott Tucker. 1834.

Exmouth Bar and Harbour, by R. Loney. 1829.

Survey of Falmouth Harbour and the Coast to the Manacles, with Helford River, by T. Hurd, in 1806. 1808.

Plan of the Harbour of Fowey, by G. Thomas, in 1811. 1813.

Owers, Chichester, and Emsworth Harbours, by M. Mackenzie, in 1786 (2 sheets). 1804.

Survey of Plymouth Sound. 1822.

Harbour of Poole and Studland Bay, by M. Mackenzie, corrected by T. Sparke, 1829. 1835.

The Entrance into Poole Harbour, with Studland Bay, by T. Sparke. 1829.

St. Helen's Road, Spithead, Portsmouth and Langstone Harbours, by M. Mackenzie, in 1783. 1808.

Survey of Shoreham Harbour, by Lieut. Sheringham. 1830.

Teignmouth Harbour, by T. A. B. Spratt. 1838.

Torbay, by M. Mackenzie, 1781. 1808.

Rivers.

Entrance of the River Arun, with the Town of Little Hampton, by E. Barnett. 1831.

Survey of Southampton River, the Brambles and Cowes Road, by M. Mackenzie, in 1783. 1808.

Islands.

Survey of the Scilly Isles, by G. Spence, 1792. 1810.

Channel Islands. See also *Northern Coast of France*, p. 152.

———. Alderney. Survey of the Island, and of the Casquets and adjoining dangers, with various Plans, by M. White. 1824.

1. THE RIVER THAMES, THE STRAITS OF DOVER, AND THE SOUTH COAST OF ENGLAND, continued.

Channel Islands. Guernsey, Sercq, and Herm. Survey of, by M. White. 1822.

- . Guernsey, Sercq, Herm and Jethou, by N. Dobree.
- . Jersey. Survey of the Island, by M. White. 1821.
- . ——. Boulez Bay, by Capt. Symonds.

2. NORTH COAST OF CORNWALL AND DEVON, AND THE BRISTOL CHANNEL.

The Coast of Cornwall from the Lizard Point to St. Agnes Head, by M. Mackenzie, in 1772, and the Scilly Islands, by G. Spence, 1792. 1808.

The coasts of Cornwall and Devonshire from St. Agnes Head to Hartland Point, by M. Mackenzie, 1772. 1810.

Padstow to the Bristol Channel, by M. Mackenzie, H. M. Denham, etc., 1772–1831. 1839.

Bristol Channel, Outer Part, by Denham and Robinson, 1832. 1839.

———. Inner Part, by Denham and Robinson, 1832. 1839.

———. Coast from the Channel to New Quay, by Lieut. Sheringham, 1838. 1842.

———. Nash Sands, Tusker and East Scarweather, by H. M. Denham. 1839.

———. Barnstaple and Bideford Creeks, by H. M. Denham, 1832. 1839.

———. Burry or Llanelly Inlet, by H. M. Denham, 1830. 1839.

———. Cardiff or Penarth Road, by H. M. Denham, 1832. 1839.

———. Ilfracombe Harbour, by H. M. Denham. 1839.

———. Jack Sound, by H. M. Denham, 1830. 1837.

———. Laugharne and Caermarthen Inlets, by H. M. Denham, 1830. 1839.

———. Milford Haven, by H. M. Denham. 1831.

———. Plan of Pembroke Reach in Milford Haven, by H. M. Denham, 1830. 1837.

———. The Parret or Bridgwater River and the Bar, by H. M. Denham, 1832. 1839.

———. Linmouth, Porlock, Minehead and Watchett. 1839.

———. Swansea and Neath, by H. M. Denham, 1830. 1839.

———. Lundy Island, by H. M. Denham. 1832.

———. Tenby and Caldy Island, by H. M. Denham, 1830. 1839.

3. ST. GEORGE'S CHANNEL AND THE IRISH SEA. (Coast of Wales and West Coast of England.)

Welsh Coast. New Quay to Bardsey, by Lieut. Sheringham, 1838. 1842.

———. Bardsey Island to Point Lynus, 1838. 1842.

———. North Coast, from Point Lynus to Abergele, by C. G. Robinson, 1835. 1839.

3. ST. GEORGE'S CHANNEL AND IRISH SEA, continued.

<i>Welsh Coast.</i> Caernarvon Bar, South Entrance of the Strait of Menai, by Lieut. Sheringham.	1843.
————. Aberdovey and Barmouth Harbours, by W.L.Sheringham.	1843.
————. Beaumaris Bay and the North Entrances to the Strait of Menai, by C. G. Robinson, 1835.	1839.
————. Fishguard and Newport Bays and Port Cardigan.	1843.
————. Survey of Holyhead Bay, by G. Thomas, 1816.	1820.
————. ———. Corrected to 1838.	
————. Holyhead Bay, by Capt. F. Beechey, 1840.	1843.
————. Holyhead Harbour, by Capt. F. Beechey.	1843.
————. Ramsey Sound, with the Bishops and Clerks, by Lieut. Sheringham.	1843.
————. St. Tudwall and Pwllheli Roads, by W.L.Sheringham.	1843.
————. Survey of Salcombe Harbour, by M. White.	1829.
————. Gynfelin Patches, Aberystwith and New Quay, by W. L. Sheringham.	1843.
————. Porth-dyn-Llaen, by W. L. Sheringham.	1838.
————. Sarn-Badrig, Sarn-y-Bwch and Port Madoc, by W. L. Sheringham.	1843.
————. Grassholm Island, with the Barrels, Hats and Smalls.	1843.
<i>North-west Coast of England.</i> Liverpool Bay, by H. M. Denham.	1839.
————. Liverpool Bay: The Victoria Deep, by F. Beechey.	1844.
————. Survey of the Harbour of Liverpool, by G. Thomas,	1813.
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4. COASTS OF IRELAND.

<i>East Coast.</i> Dublin to Carlingford.	1843.
————. Dublin to Lough Carlingford, by W. Mudge, 1828.	1831.
————. Carlingford Lough, by W. Mudge and G. A. Frazer.	1832.
————. Carlingford to Lough Larne, by W. Mudge, 1828.	1831.
————. Lough Larne, by W. Mudge, 1834.	1839.
————. Dublin Bay, by G. A. Frazer, 1838.	1842.
————. Survey of Dublin Bay and the adjacent Banks, by W. Mudge and G. A. Frazer.	1829.
————. Dublin Bar and the River Liffey to Carlisle Bridge, by G. Frazer.	1842.
————. Kingston Harbour, by G. A. Frazer.	1843.
<i>North-East Coast.</i> Lough Larne to Lough Foyle, by W. Mudge.	1831.
————. Lough Neagh, by T. Graves.	1835.
<i>North Coast.</i> Lough Foyle to Farland Point, by W. Mudge,	1833.
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————. Farland Point to Donegal Bay, by W. Mudge, 1835.	1839.
<i>North-West Coast.</i> Ballyshannon Harbour, by W. Mudge.	1838.
————. Lower Lough Erne, by Lieut. Wolfe.	1838.
————. Upper Lough Erne, by Lieut. Wolfe.	1838.

4. COASTS OF IRELAND, continued.

North-West Coast. Hydrographical Survey of the West Coast of Ireland, from Sligo Bay to Tory Island, and of the North Coast from Tory Island to Raughlan Island, by Capt. Jos. Huddart. 1794.

————. Vidal Bank, off the North-west Coast of Ireland, by A. T. E. Vidal, 1830–31. 1833.

West Coast. The River Fergus, from Ennis to the Shannon, by J. Wolfe. 1844.

————. River Shannon: Tarbett Road, by J. Wolfe. 1843.

————. ———. Foynes Harbour, by the same. 1843.

————. ———. Sheets 2 to 7, by J. Wolfe. 1843.

————. Crookhaven, by M. White, 1817. 1843.

South Coast. Coast from Wicklow to Dublin, by G. Frazer. 1843.

————. Cork Harbour, by M. White, 1820. 1835.

————. The Harbour of Valentia, by Alex. Nimmo. 1832.

————. The Anchorage off Wicklow, by W. Mudge. 1837.

————. Bay and Harbour of Youghal, by M. White and A. Nimmo 1835.

5. COASTS OF SCOTLAND AND ADJACENT ISLANDS.

West Coast. Ayr Harbour, by C. G. Robinson. 1844.

————. Port Ellen or Loch Leodamis in Ila Island, by J. Touzeau, in 1830. 1832.

————. Map of Mull, Tiree, Coll, Muck, Iona, etc.

————. Ardrossan Harbour, by C. G. Robinson. 1841.

————. Loch Eil, leading to the Caledonian Canal, by C. G. Robinson. 1842.

————. Loch Ryan, by C. G. Robinson, 1839. 1841.

————. Chart of the Feroe Islands, by Capt. H. Born, in 1806. 1808.

North Coast. South Shetland and South Orkney Islands. 1844.

————. Shetland Isles, by G. Thomas, 1833. 1838.

————. Trigonometrical Survey of part of the Shetland Islands, including Fetlar, Basta Voe, Reafrith Voe, etc., by G. Thomas, 1825–27. 1829.

————. Balta Sound, in the Island of Unst, Shetland, by G. Thomas, 1827. 1829.

————. The Pentland Frith, by G. Thomas. 1830.

East Coast. Banff to Aberdeen, by Comm. Slater, 1834. 1842.

————. Aberdeen to Frith of Tay, by Comm. Slater, in 1833. 1842.

————. The Tay to Eyemouth, including the Frith of Forth, by G. Thomas, in 1815. 1842.

————. Survey of the Frith of Forth, by G. Thomas, in 1815. 1824.

————. Aberdeen Harbour, by Comm. Slater, 1833. 1843.

————. Arbroath Harbour, by Comm. Slater, 1833. 1842.

————. Banff and Macduff, by Comm. Slater, 1834. 1842.

5. COASTS OF SCOTLAND AND ADJACENT ISLANDS, continued.

<i>East Coast.</i> Fraserburgh, by Comm. Slater, 1834.	1842.
Montrose Harbour, by Comm. Slater, 1833.	1842.
Peterhead, by Comm. Slater, 1834.	1842.
Stonehaven, by Comm. Slater, 1833.	1842.
River Tay, by Slater.	1843.
River Tay, by Slater, 1833.	1844.

6. EASTERN COAST OF ENGLAND.

The North Sea; Sheet 1, from Dover and Calais to Orfordness and Scheveningen, by Capt. Hewett.	1842.
Berwick to the Farn Islands, by E. J. Johnson, in 1831.	1835.
Eyemouth to Blyth, by Comm. Slater, in 1832.	1842.
Blyth to Tees, by Comm. Slater, in 1832.	1842.
The Tees to Flamborough Head, by Capt. Hewett, in 1830.	1842.
Flamborough Head to Trusthorpe, by Capt. Hewett, in 1830.	1842.
Trusthorpe to Cromer, by Capt. Hewett.	1843.
Cromer to Covehithe Ness, by Capt. Hewett.	1827.
Part of the Coast of Norfolk from Hasborough to Blakeney, by W. Hewett.	1828.
The Coast of Suffolk, from Lowestoft to Orford, by G. Thomas.	1826.
Lowestoft Roads, with the Corton, Holm and Newcome Sands, by W. Hewett.	1836.
Yarmouth Road, with the Cockle Gat.	1843.

Bridlington Bay, by Capt. J. Johnstone.	1804.
Frazer Bank, surveyed by G. A. Frazer.	1839.
Chart of the Leman and Ower Shoals, by W. Hewett.	1826.
Survey of Lynn and Boston Deepes, by W. Hewett.	1829.
Sketch of Smith's Knowl, by J. Stokes.	1804.
Berwick Harbour, by E. J. Johnson and M. A. Slater, in 1831.	1835.
Harwich Harbour.	1843.
Chart of Hollesley Bay, by G. Spence and G. Thomas.	1812.
Holy Island Harbour, by E. J. Johnson, in 1831.	1835.
Entrance to the River Humber, by W. Hewett, in 1828.	1830.

B.

NORTHERN AND WESTERN COASTS OF EUROPE.

1. NORTH-WESTERN COAST.

General Chart of the North Sea or German Ocean, from $50^{\circ} 25'$ to $64^{\circ} 12'$ N. Lat., including the Sleeve, Kattegat and Baltic Straits, by Spence, Brodie, Dessiou, etc. (6 sheets). 1812.

Chart of the Coast of France and Holland, from Calais to Walcheren, by George Thomas. 1827.

Great Belt, Entrance of, from the Kattegat. 1814.

———. Part from the South Point of Seyer Island to the North end of Langeland. 1814.

———. Survey of the part from Romsøe to Omøe, by Capt. Austen, in 1813. 1814.

———. Entrance from the Baltic. 1814.

Chart of the Entrances into the Baltic from the Great Belt and Sound. 1814.

Chart of the Passage through the Sound from the Kattegat into the Baltic. 1815.

Chart of the Paternosters and Passages to Klädesholm and Marstrand, by E. Klint, 1795. 1811.

Chart of Helgoland, by J. T. Reinke and J. A. Lang. 1825.

Chart of the Mouths of the Elbe, Weser and Jahde Rivers, including Helgoland, by J. T. Reinke, in 1802. 1825.

The Agger Channel on the Coast of Jutland, by J. P. Bluhme. 1838.

Chart of the Kattegat from Klint, Løvenørn and the Danish Surveys. 1814.

The Inner Road of Ostend, by Beutemps-Beaupré and De Brock. 1832.

Texel and Helder Channels, surveyed by J. C. Ryk in 1816 (with the Drempeel Channel). 1832.

Gulfs, Bays and Harbours.

Chart of the Gulf of Bohus or the Sleeve, by Gustaf Klint, 1806. 1811.

The Harbours of Carlshamm, Matvik and Jarnavik on the South Coast of Sweden. 1811.

The Harbour of Gottenburg, from an old Swedish Chart, etc. 1811.

Sketch of Makiloto Bay, by James Reeves and J. Curphey. 1810.

Rivers.

The Entrance of the Maas, by Goeree, Hellevoetsluis and Brielle, by J. C. Ryk, 1823. 1829.

The Schelde, from Flushing to Antwerp, by Beutemps-Beaupré, in 1817. 1832.

The Mouth of the Schelde, by Capt. J. C. Ryk. 1825-32.

The East-Schelde, from the Roompot to Bergen-op-Zoom, by Beutemps-Beaupré and Kerehenius, in 1817 and 1827. 1832.

1. NORTH-WESTERN COASTS OF EUROPE, continued.

Islands.

Chart of the Gottska Sando and Faro Islands, by Gustaf Klint, 1800,
with corrections by Dashwood. 1810.

Survey of Nargen Island, by R. Duncan. East Coast of Gothland,
and Chart of the Heel of Dantzic, by J. Ross. 1810.

2. NORTHERN AND WESTERN COAST OF FRANCE. See also *English Channel.*

Pilote Français, rédigé par M. Beautemps-Beaupré, et publié au Dépôt-
général de la Marine; 6 vols. Atlas folio. Paris, 1822-43.

Vol. 1. Environs de Brest (91 Charts). 1822.

— 2. Côtes Occidentales de France, depuis la Pointe de Penmarch jusqu'à l'Île
d'Yeu (82 Charts). 1829.

— 3. Côtes Occidentales depuis l'Île d'Yeu jusqu'à la Côte d'Espagne (42
Charts). 1832.

— 4. Côtes Septentrionales de France depuis l'Île Brehat jusqu'à Barfleur (84
Charts). 1838.

— 5. Côtes Septent. depuis Barfleur jusqu'à Dunkerque (64 Charts). 1841.

— 6. Côtes Septent. depuis les Roches de Portal jusqu'au Phare des Heaux de
Brehat (57 Charts). 1843.

Carte Particulière des Sondes de l'Entrée de la Manche et des Atté-
rages des Côtes Occidentales de France depuis l'Ouessant jusqu'à
l'Yeu, par Le Saulnier de Vauhello. 1831.

Carte Particulière des Sondes d'Attérages des Côtes Occidentales de
France depuis l'Yeu jusqu'à l'Embouchure de la Bidassoa, et des
Côtes Septent. d'Espagne, par Le Saulnier de Vauhello. 1831.

Carte Générale des Sondes d'Attérages, des Côtes Occidentales de
France et des Côtes Septentrionales d'Espagne, par Le Saulnier de
Vauhello. 1832.

Coast from Nieuport to Berneval, from the Charts of the Dépôt de la
Marine. 1808.

Berneval near Dieppe to Barfleur. 1808.

Chart of the Mouth of the Seine, by M. de Gaule, 1788. 1805.

Coast from Cape Barfleur to Point Percée, including St. Marcou
Islands, by S. Thomas, 1801. 1803.

Coast from Isle de St. Marcouf to Cape Carteret, including Guernsey*,
Alderney, Sercq and Herm, by M. White. 1831.

Cape Carteret to Cape Frehel, including the Island of Jersey*, by M.
White. 1831.

The Coast from the Isle of Ushant to Cape Finistère (2 sheets). 1811.

Coast from Bec du Raz to Belle Isle. 1819.

Coast from the Bay of Bourgneuf to Les Sables d'Olonne. 1816.

Coast from Les Sables d'Olonne to the Entrance of the River Gironde.
1820.

The New Channel into the Four Passage from the Bay of Brest, by
Capt. Hurd, 1807. 1809.

Nautical Survey of the Bay of Brest and the Ushant Islands, by Capt.
Hurd, 1807. 1823.

Quiberon Bay and Entrance of the River Loire. 1816.

* See also *Channel Islands*, p. 146.

2. **NORTHERN AND WESTERN COAST OF FRANCE, continued.**
 Bayonne, by Beautemps-Beaupré. 1839.
 The River Gironde and adjacent Coast to Arcachon Basin. 1823.
 Glenan Isles and Penmark Rocks, with the Coast from Penmark Point to Point Keabras. 1817.

3. **NORTHERN AND WESTERN COASTS OF SPAIN AND PORTUGAL.**
 Chart of the Coasts of Europe and Africa from Cape Ortegal to Mogadore, with the Madeira and Western Islands. 1818.
 Chart of the Coasts of Portugal, Spain and Morocco, from Cape St. Vincent to Mogadore. 1812.
 The Coast of Portugal, with part of Spain, from Cape Finisterre to Cape St. Mary. 1813.

Inlets.

- Inlet of Corcubion, and Plan of the Port of Camarinas, by V. Tofiño, 1786-87. 1811.
 Inlets of Ferrol, Coruña and Betanzos, by V. Tofiño, 1787. 1801.
 Inlet of Vigo in Galicia, by V. Tofiño, 1787. 1823.

Bays and Harbours.

- Bay of Giron and Entrance of Barquero in Asturias, by V. Tofiño, 1787. 1809.
 Bays of Muros and Arosa, with the Inlets of Vigo and Pontevedra, by V. Tofiño, 1787, corrected by Sir H. Douglas. 1813.
 The Harbour of Cadiz, by V. Tofiño, 1789. 1823.
 The Harbour of Cadiz, by W. H. Smyth. 1837.
 Mouth and Harbour of Ferrol, by V. Tofiño, 1789. 1801.

Ports.

- Ports of Cedeira, Ribadeo and Vivero, in the Bay of Biscay, by V. Tofiño, 1788. 1809.
 Portugalete and Bilbao, with the River Nervion, by H. Thompson. 1836.
 Port of Santander, Old Castile, and Entrance to Bilbao on the Coast of Biscay, by V. Tofiño, 1789. 1810.
 Port of Santona, on the Coast of Cantabria, by V. Tofiño, 1789. 1809.
 Town and Port of St. Sebastian in the Bay of Biscay and Province of Guipuscoa, by V. Tofiño, 1788. 1809.

Rivers.

- Entrance of the River Douro, by E. Belcher. 1833.
 Entrance of the Tagus, describing the Coast from Cape Roca to Sacavem, with the Harbour and Environs of Lisbon, by W. Chapman, in 1806. 1827.

C.

COASTS OF THE MEDITERRANEAN SEA.

- Carte de la Mer Méditerranée et de la Mer Noire, par Gauttier et Benoist (2 sheets). 1821.
1. SOUTHERN OR AFRICAN COAST OF THE MEDITERRANEAN.
- Cote Septentrionale d'Afrique (entre Alger et les Iles Zafarines), par Berard, etc. 1836.
- (entre Alger et l'Ile de la Galite). 1836.
- Coast of Barbary, from Cape Carbon to the Fratelli Rocks. 1827.
- Coast of Tunis from Africa City to the Fratelli Rocks. 1827.
- North Coast from Mesurata to Marsa Soussa. 1826.
- North Coast from Gargasch to Melhafa. 1827.
- North Coast from Ras al Heilal to Alexandria. 1826.
- Coast of Egypt from Alamaïd to the Rosetta Branch of the Nile, by W. H. Smyth. 1822.
- The Skerki Channel (Tunis), by E. Belcher. 1833.
- Bays, Harbours, Anchorage, &c.*
- Mouillage d'Alger, par Berard, etc. 1836.
- Les Attérages d'Alger, par Berard, etc. 1832.
- , seconde édition. 1837.
- The Harbours of Alexandria, by Le Saulnier de Vauhello, 1834. 1840.
- Plan of the City, Harbours and Environs of Alexandria, by W. H. Smyth. 1833.
- City, Harbours and Environs of Alexandria. 1825.
- Mouillage d'Arzeu, par Berard, etc. 1834.
- The Gulf of Bomba. 1826.
- Carte des Mouillages de Bone, par A. Berard, Tesson, Bolle, etc. 1834.
- Les Attérages de Bone, par les mêmes. 1835.
- Golfe de Bougie, par Berard, etc. 1833.
- Gulf of Kabes, or the Lesser Syrtis. 1827.
- Mouillage de Mers-el-Kibir (Baie d'Oran), par Berard, Bolle, etc. 1832.
- Les Attérages d'Oran et d'Arzeu, par Berard, etc. 1835.
- Plan des Mouillages de Siddi-Ferruch, par Berard et Bolle. 1831.
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- The Harbour of Tripoli. 1826.
- Tunis Harbour, by W. H. Smyth, 1822. 1838.
- Plan of the Harbour of Tripoli, by W. H. Smyth. 1835.
- Islands.*
- Galita Island, by W. H. Smyth. 1822.
- L'Ile de la Galite, par Berard, etc. 1834.
- Zafarin Islands, by M. A. Slater, 1826. 1845.
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- La Mer de Marmara, par Truguet, Gauttier et Benoist, avec des Plans
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—, surveyed by M. Hell, with Plans of Calvi, Porto Vecchio, Ajaccio, etc. 1838.

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— Palamos to Alicante, including the Baleares, by W. H. Smyth. 1839.

— Alicante to Gibraltar, and North Coast of Barbary to Cape Ferrat, by W. H. Smyth. 1839.

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— Cape Roux to the Peninsula of Giens, by W. H. Smyth. 1839.

— Cape Couronne to Cape Sicié, with Plan of the Gulfs of Napoule and Gourjean, 1792.

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— Cape St. Antonio to Cape de Gata, with the Isle of Toiza, by V. Tofiño. 1812.

— Cape de Gata to Gibraltar, and the opposite Coast, by V. Tofiño, with Plans of the Island of Alboran and the Zaffarine Islands. 1811.

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Port Denia, Grao de Valencia, and Anchorage off Cape Cullera. 1843.

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Gibraltar, by W. H. Smyth. 1833.

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Rock, by W. H. Smyth, 1823. 1837.

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The Roads and Harbours of Toulon. 1795.

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D.

WESTERN OR ATLANTIC COAST OF AFRICA.

AFRICA—WEST COAST.

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Coast from Lat. 2° N. to 4° S., and Long. 7°32' to 12° E. [Cape St. John
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Coast from Lat. 3°45' to 9°30' S., and Long. 10°20' to 14°35' E. [Banda
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Coast (West and South) between Lat. 24° and 40° S., and Long. 13°
and 42° E., by F. W. F. Owen [Hollam's Bird Isle to Cape Cor-
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Coast from Mogadore to the Isles de Los, with the Madeira, Canary
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———— Azamor to Santa Cruz, by Arlett. 1844.

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———— Cape Blanco to Cape Verde, by de Roussin, 1829. 1844.

———— Cape Verde to Cape Roxo, by T. Boteler, 1829. 1830.

———— Cape Roxo to Isles de Los, by Owen, Belcher and Ar-
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———— the Isles de Los to Sherboro' Island, by Owen and Boteler.
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———— Sherboro' Island to Cape Mesurada, by Vidal and Bedford,
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Survey of the Cape of Good Hope, by A. Vidal, etc., 1822. 1828.

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Entrance of the River Benin, by A. Vidal.	1827.
The Bonny and New Calebar Rivers, by A. Vidal.	1827.
River Cameroon, with the Ambas Islands, by W. Allen.	1843.
Componnee River. See <i>Nunez</i> .	
The River Congo, by A. Vidal, etc., 1825.	1827.
Entrances of the Foreecarreeh and Mellacoree Rivers, by T. Boteler, 1829.	1830.
Gaboon. See Bays, <i>Corisco</i> .	
The River Gambia from its Entrance to Pisanea, by R. Owen, 1826 (3 sheets).	1829.
Joombas River. See <i>Salm</i> .	
Mahneah. See <i>Tannaney</i> .	
Mellacoree River. See <i>Foreecarreeh</i> .	
Moondah and Mooney. See Bays, <i>Corisco</i> .	
Morebiah. See <i>Tannaney</i> .	

AFRICA—WEST COAST, continued.

Rivers and Entrances to Rivers.

Mouths of the Rivers Nunez and Componee, by Capt. Belcher, 1831.
1844.

New Calebar. See *Bonny*.

The River Ouro on the West Coast of Africa, by Vidal, Mudge, &c.
1827.

The River Quorra from the Town of Rabba to the Sea, and Portion
of the River Tchadda, by W. Allen, 1833. 1837.

Entrances to the Salm and Joombas Rivers, by T. Boteler, 1828. 1831.

Entrance of the Scarcies Rivers, by T. Boteler, 1829. 1830.

Sherboro' River, by W. F. W. Owen. 1827.

Sierra Leone River, by R. Owen. 1827.

Entrances of the Tannaney, Mahneah and Morebiah Rivers, by T.
Boteler. 1830.

Tchadda River. See *Quorra*.

Islands off the West Coast of Africa.

AZORES OR WESTERN ISLANDS.

Plan of the Road of Fayal, by V. Tofiño, 1788. 1817.

———. The Island of Porto Santo, by W. Mudge. 1820.

———. Philipsburg Bay and Man-of-war Rock, Island of St. Mar-
tin. 1841.

———. Plan of the Road of Angra in the Island of Terceira, by
V. Tofiño, 1788, 1816.

CANARY ISLANDS.

The Isle of Madeira. Geo-Hydrographic Survey of, with the Dezertas
and Porto Santo Islands, by W. Johnston, in 1788. 1823.

———. Survey of the Bay and Part of the Town of Funchal, by
A. B. Becher. 1819.

———. Funchal Bay, by A. T. Vidal. 1845.

CAPE DE VERD ISLANDS.

The Cape Verd Islands, by Vidal and Mudge in 1819–21. 1822.

Orometric Survey of Bonavista, by the same. 1820.

Branco. See *St. Lucea*.

Survey of Fogo and Brava. 1823.

Orometric Survey of Mayo. 1820.

Raza. See *St. Lucea*.

Sal. Orometric Survey of. 1820.

———. Plans of English Road, Island, and Mordeira Bay, Isle of
Sal. 1820.

St. Antonio, Survey of, by Capt. Baldey, etc. 1823

———, Tarrafal Bay in the Island of, by Lieut. Vidal. 1821

AFRICAN ISLANDS—WEST COAST.

- St. Jago. Survey of. 1823.
 ———. Plan of Porto Praya in the Island of, by S. Dickinson. 1813.
 St. Lucea. Survey of Branco and Raza, by Vidal and Mudge. 1823.
 St. Nicholas. Survey of, by E. P. Durnford. 1823.
 St. Vincent. Survey of, by Vidal and Mudge. 1823.
 ———. Plan of Porto Grande in the Island of, by the same, 1820.
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Ambas Islands. See Rivers, *Cameroon*.

- Island of Ascension, by G. A. Bedford. 1845.
 ———. Plan of the Island, by R. Campbell, 1819. 1825.
 The Bijooga Islands and the adjacent Coast of Africa, by W. F. W. Owen, 1826. 1827.
 ———. Beayer Port in the Island of Bulama, one of the Bijoogas, by J. W. Duncan. 1827.
 Fernando Po, the Establishment of Clarence in the Island of (with Plan of George Bay), by J. Badgley. 1828.
 Ichabo Island, by Sir J. Marshall. 1845.
 Isles de Los, by J. Badgley. 1827.
 Possession Island. See Bays, *Elizabeth Bay*.
 Princes, St. Thomas, and Anno-Bon Islands, by T. Boteler, 1829. 1831.
 Plan of the Salvage Islands, by the same, 1819. 1823.
 St. Helena. Survey of the Bank of Soundings and Dangers around the Island St. Helena, by G. Thoms, 1815. 1817.
 ———. Survey of the North-west Side of St. Helena, by F. W. Austen, 1808. 1816.
 Tristan da Cunha, by Sieur Donat, in 1767. 1811.

E.

EASTERN COAST OF AFRICA.

1. INDIAN OCEAN.

- Carte Générale de la Mer des Indes, par P. Daussy et P. E. Wissocq.
1837.
- Chart of the Indian Ocean, with Part of the Pacific and an Indication
of the Successive Discoveries, by De La Rochette. 1817.
- Chart to the Book of Directions for navigating to the East Indies, by
James Horsburgh (two sheets). 1814-31.
- Charts to the Book of Directions for navigating to the East Indies, by
James Horsburgh. 1814.
- Chart to accompany Horsburgh's Directions, by Capt. P. Heywood.
1832.
- Chart to accompany the Observations of Capt. F. Moresby, in 1822.
1824.
- Chart of the Eastern Passages to China (three sheets). 1824-26.

2. THE AFRICAN COAST.

- Carte des Côtes Méridionales d'Afrique et de l'Entrée du Canal de Mo-
zambique, par M. Daussy. 1838.
- Chart of the South-east Coast, with Plan of the River Knysna, by W.
Walker. 1818.
- Coast from Lat. $22^{\circ}12'$ to $19^{\circ}51'$ S., and from Long. $36^{\circ}10'$ to $34^{\circ}27'$ E.
[Massangaznee Bay to Cape St. Sebastian], by W. F. W. Owen, 1823.
1828.
- Coast from Lat. $17^{\circ}35'$ to $14^{\circ}40'$ S., and from Long. $38^{\circ}20'$ to $40^{\circ}45'$ E.,
by W. F. W. Owen, 1823. 1828.
- Coast from Lat. $8^{\circ}52'$ to $6^{\circ}37'$ S., and from Long. $38^{\circ}39'$ to $40^{\circ}9'$ E.,
by A. Vidal, etc. 1828.
- Coast from Lat. $6^{\circ}38'$ to $4^{\circ}23'$ S., and from Long. $38^{\circ}39'$ to $40^{\circ}9'$ E.,
by A. Vidal, etc. 1828.
- Coast (including a part of the Coast of Arabia) between Lat. 24° N.
and 4° S. and Long. 40° and 60° E., by W. F. W. Owen, 1822-26
[Formosa Bay, Africa, to Muskat, Arabia]. 1827.
- East Coast of Africa, including Madagascar, between Lat. 1° and 27° S.,
and Long. 32° and 51° E., by W. F. W. Owen, 1822-26. 1828.
- North-East Coast of Africa in the Gulf of Aden, from Cape Kurrum to
Burburra, by J. S. Roe. 1828.
- Chart of the Coasts of Africa and Arabia, with the Red Sea and the
Persian Gulf, by J. Horsburgh. 1830.
- Cape Agulhas, by C. C. Michell. 1839.

Ports.

- Asab, on the Æthiopian Coast, by M. Hunter. 1783.
- Port Burburra in the Gulf of Aden. 1828.

AFRICA—EAST COAST.

Ports.

Ports in the Arasura Sea, by O. Stanley.	1843.
Ports of Conducia, Mozambique and Mokamba, by W. Mudge, etc., 1824.	1827.
Port Melville in Delagoa Bay, by W. Mudge, 1823.	1827.
Port of Maleenda, by A. Vidal, etc.	1827.
Port Natal, by E. Hawes, 1831.	1836.
———, by W. T. Haddon, 1835.	1838.
Plan of Kēēlwa, or Quilwa, by A. Vidal, etc.	1827.
Four Plans of Messana, on the Coast of Abyssinia.	1784.

Bays.

Algoa Bay, by W. Rice.	1801.
Almeyda Bay, with the Reefs of Mancabala and Indugo, and Formosa Bay, by A. Vidal, etc., 1824.	1828.
Bay and Harbour at the entrance of English River in Delagoa Bay, by R. Owen, etc., 1822.	1827.
Delagoa Bay, or Lorenzo Marques, by W. F. W. Owen, 1822.	1827.
Flesh Bay, or Bay St. Bras, from Van Keulen.	1811.
Knysna Harbour, by W. Walker, 1818.	1839.
Bay of Kossier, Coast of Egypt, by W. H. Dobie.	1802.
Kwyhoo. See <i>Lamoo</i> .	
Bay and Harbour of Lamoo, by A. Vidal, etc.	1827.
Bays of Lamoo, Patta and Kwyhoo, by A. Vidal, etc.	1827.
Lorenzo Marques. See <i>Delagoa</i> .	
Plan of Mossel Bay, by W. Rice, 1797.	1801.
Survey of Mozambique Harbour, by W. Mudge and J. Badgley, 1823.	1827.
Patta Bay. See <i>Lamoo</i> .	
Plettenberg Bay, by W. Rice.	1801.
Pomba Bay, by A. Vidal, etc., 1824.	1827.
St. Bras Bay. See <i>Flesh Bay</i> .	
St. Francis Bay, by R. Torin, 1785.	1811.
Saldanha Bay, by Capt. Wauchope, 1819.	1839.

Rivers.

River Inhamban on the East Coast of Africa, by Capt. Vidal, etc., 1823.	1827.
River Lindy.	1827.
River Monghow or Mongallow, by R. Owen.	1827.
The River Quillimane, the North Branch of the Zambezi, by A. Vidal, 1823.	1828.

*Islands off the East Coast of Africa.***MADAGASCAR.***Coast Line.*

- West Coast from Lat. $16^{\circ}54'$ to $17^{\circ}47'$ S., and Long. $42^{\circ}39'$ to $44^{\circ}9'$ E. 1828.
- West Coast from Lat. $21^{\circ}43'$ to $18^{\circ}40'$ S., and from Long. $42^{\circ}40'$ to $44^{\circ}55'$ E. 1828.
- West Coast from Murderer's Bay to Cape St. Vincent. 1827.
- South-West Coast of Madagascar, with the Star Bank. 1827.
- East Coast of Madagascar, between Lat. $2^{\circ}30'$ and $26^{\circ}30'$ S., and Long. 47° and 67° E. 1828.
- Survey of the N. Extreme of Madagascar. 1828.

Ports.

- Choiseul. See *Hastie Road*.
- Plan of Fenerine, on the East Coast. 1827.
- Foule Point, on the East Coast. 1827.
- Ports of Looké, Leven and Andrava, on the East Coast. 1827.
- Port Mazambo. 1828.
- Tamatave, on the East Coast. 1827.

Bays and Harbours.

- Survey of Bembatooka Bay. 1827.
- Boyanna Bay. 1827.
- British Sound, on the North-East Coast. 1828.
- Chimpaykee. See *Passandava*.
- Dalrymple's Bay, at the Entrance of Passandava Bay. 1827.
- Bay of Fort Dauphin, by M. D'Après. 1784.
- Hastie Road and Port Choiseul, in Antongil Bay. 1827.
- Plan of Majambo Bay. 1827.
- Marbacool. See *Passandava*.
- Narreenda Bay and Luza River. 1827.
- Ngoney Road, on the East Coast. 1827.
- Bays of Passandava, Marbacool and Chimpaykee. 1827.
- St. Augustine Bay and Tullear Harbour. 1827.
- Bay of St. Lucia, on the South-East Coast, by C. M. Schomberg. 1817.
- Tangtang Harbour, on the East Coast. 1827.

Rivers.

- Boteler's River, on the North-West Coast. 1827.
- Makumba River. 1827.

Carte des Iles situées à l'Est, et au Nord-Est de Madagascar, par M. Daussy. 1838.

Chart of the Islands and Dangers to the North-East of Madagascar. 1811.

Carte du Canal de Mozambique et de l'Ile de Madagascar, par M. Daussy. 1838.

AFRICAN ISLANDS—EAST COAST.

- The Island Anzuani or Anjoanna, and part of Joanna, by A. Sibbald. 1811.
 The Barren Islands. 1827.
 Bourbon Island. 1843.
 Brava. See *Mukdeesha*.
 Coetivy. See *Wood Island*.
 Diego Rais. See *Rodrigues*.
 The Dundas Islands, by A. Vidal, etc. 1828.
 ———. Port Durnford in the Dundas Islands, by A. Vidal, etc. 1827.
 Latham's Island and Bank, by A. Vidal, etc. 1827.
 Mauritius, or The Isle of France. 1826.
 ———. Port Louis, by G. Evans, 1819. 1831.
 ———. Harbour of Grand Port, by Owen, etc. 1827.
 ———. Grand Port, by T. A. Lloyd. 1843.
 The Minow Islands. 1828.
 Island and Ports of Mombas, by W. Mudge, etc. 1827.
 Mukdeesha or Magadoxa, and Brava. 1827.
 Survey of the Querimba Islands, by A. Vidal, etc., 1824 (two sheets). 1827.
 The Radama Islands and the Bays of Raminitoc, Rafala and Port Radama. 1827.
 The Island of Rodrigues or Diego Rais, Plan of. 1811.
 ———. Mathurin Bay, on the North of the Island, by J. H. Grubb, 1810. 1818.
 Island of St. Mary and the Channel between it and Madagascar. 1827.
 ———. Harbour in the Island of, by E. P. Durnford. 1827.
 The Seychelle Islands, by Owen, 1825. 1828.
 ———. Port and Bay in Mahé, one of the Seychelle Islands, by the same, 1825. 1828.
 ———. Bay of Curieuse, Seychelle Islands, by R. Nash. 1827.
 The Island Socotra, 1764, and Road of Tamaren, by J. Browne, 1615. 1774.
 Wood Island, Isle de Sable, and Sketch of Coetivy Island. 1811.
 Zanzibar South-West Coast and Harbour, by Vidal, Boteler, and Owen. 1827.

F.

COASTS OF ASIA.

1. RED SEA. (See also *Eastern Coast of Africa*.)

Chart of the Red Sea or Arabian Gulf, with Plans of Mocha Road, Suez, Tor and Juddah Harbours and Straits of Jubal and Babelmandel, by Sir Home Popham. 1804.

L'Entrée de la Mer Rouge, par M. Daussy. 1840.

La Mer Rouge, par M. Daussy. 1840.

Plans of Ports in the Red Sea, from Bruce's MS. 1800.

Harbour and Road of Suez. 1782.

Côtes d'Arabie et de Perse, depuis l'Île Socotra jusqu'à Bombay, par M. Daussy. 1840.

Aden, on the South Coast of Arabia, with Plans of Babelmandel. 1782.

Bays, etc.

Denis, Bay of. See *Mocha*.

The Bays to the Westward of Cape Aden, by J. S. Roe. 1828.

Mursah Gedan, on the Coast of Arabia. 1783.

Mursah Sememah and Mursah Koof, or Erres Harbour. 1783.

Plans of Moha (Mocha) and Bay Denis, North of Cape Namas. 1784.

Two Plans of Mocha Road, by G. G. Richardson, 1795, and J. MacCluer. 1815.

Morebat Bay, South Coast of Arabia, by S. Smith. 1784.

Islands.

Harbour of Tor, on the Coast of Arabia, by G. Trotter. 1779.

Yambo Harbour, on the Coast of Arabia. 1779.

Harbour at the Island of Piram, and the Harbour Babelmandel. 1802.

2. GULF OF PERSIA.

The Gulf of Persia, by G. B. Brucks, 1830 (two sheets). 1832.

Entrance to the Gulf of Persia and Coast of Arabia from Ras Goberindee to Muscat, by Brucks and Haines, 1828. 1831.

Arabian or Southern Side of the Persian Gulf, 1825 (five sheets in 3 parts). 1826-29.

Coast of Arabia in the Gulf of Persia, by Guy and Brucks, 1822 (two sheets). 1826.

Coast of Arabia from Ras Goberindee to Ras Soaote, by Brucks and Haines, 1828. 1832.

Coast from Bushire to Basadore, by Brucks and Haines, 1828. 1831.

Coast of Persia, from Kooe Mubarrack to Krotchey. 1832.

Battnah or Burka Coast. 1831.

Entrances to the Rivers at the Head of the Persian Gulf, by the same, 1827. 1831.

Clarence's Strait, by the same, 1828 (two sheets). 1831.

2. GULF OF PERSIA, continued.

- Port of Bushire and the Island of Karrack, by Brucks and Cogan, 1826. 1838.
 Harbours of Muttra and Muscat, by Brucks and Haines, 1828. 1831.
 Islands of Karak and Korgo, 1787. 1793.

3. WESTERN COAST OF HINDOSTAN.

Coast Line.

- Coasts of India and Guzerat, from Choupameany to Zyghur, by J. M^cCluer. 1789.
 Coast from Assar Pagoda to Muddrur Fort. 1803.
 Côtes de l'Hindoustan depuis Bombay jusqu'au Godavery et des Îles Maldives et Chagos, par M. Daussey. 1839.
 Coast from Bombay to Anjedive Island, by J. M^cCluer. 1791.
 Coast from Cape Ramas to Cape Comorin, and Part of the Laccadive Islands, by J. M^cClure, 1790. 1833.

Gulfs, Bays, Harbours and Ports.

- The Gulf of Cutch, by Lieut. Middleton. 1823.
 Dondo. See *Gingerah*.
 Plan of Bate Harbour, 1803. 1812.
 Bombay Harbour, principally illustrative of the Entrance, by J. Horsburgh. 1806.
 Port of Chaoul, on the Coast of Concan. 1784.
 Eye-Draught of Dewgur Harbour, by A. Blair. 1784.
 Gariah Harbour, by Sir W. Hewett, 1756. 1775.
 Plan and View of Gingerah or Donda Rajapore, by A. Werner. 1774.
 Goa Harbour, by R. Woodson. 1775.
 Goa and Murmagoa Roads, by D. Inverarity, 1812. 1816.
 Jaffrabat, on the Coast of Guzerat, by J. M^cCluer. 1789.
 Rajapora and Nowa Bunder on the South Coast of Guzerat, by A. Blair. 1795.
 View and Plan of Sinderdroo or Melundy, by J. Watson, 1765. 1774.
 Vingorla, with plan of the principal Rocks, by J. Huddart. 1784.

Rivers and River Entrances.

- Bar and Entrance of Bancoot River, by J. M^cCluer. 1789.
 Belapore River, by J. Lendrum, 1779. 1793.
 Billiapattam River, by J. D. Spaeth. 1792.
 Chanch River. See *Islands, Searbett*.
 Manhora River in the Island Salset, by A. Blair, 1777. 1805.
 Mouth of Merjee River, by P. Heywood, 1803. 1806.
 Radjapore River, by J. M^cCluer. 1791.

Islands.

- Bird Island. See *Eagle*.
 Cardagos Garayos, by W. Mudge. 1827.

3. WESTERN COAST OF HINDOSTAN, continued.

*Islands.*Deros. See *Plat.*

Plan of Diu Island, by J. McCluer, with views of Diu. 1790.

Island of Durmapatam. 1783.

Plans of Eagle and Bird Islands. 1810.

The Laccadive Islands, by R. Moresby, 1828. 1830.

Atoll Maldiva or King's Island Atoll, and Aria Attol, west of the Maldives. 1811.

The Maldiva Islands, exhibiting the safe Channels between the Southern Attollons. 1814.

Islands near the Maldives. 1813.

Isles Plat, Deros and St. Joseph, by J. A. Russel. 1820.

Searbett Island and Chanck River, on the Coast of Guzerat, by J. McCluer. 1789.

4. EASTERN COAST OF HINDOSTAN AND BAY OF BENGAL.

The Bay of Bengal, by J. Horsburgh. 1825.

Golfe du Bengale, par M. Daussy. 1839.

Reef and Point of Palmiras, by C. Court. 1817.

Survey from False Point Palmiras to Sauger Roads, exhibiting the Tails of the Reefs, Sauger Sand, the East Channel and Lacam's Channel, by W. Maxfield (3 sheets). 1819.

Coast of Coromandel from Pulicat Shoal to Armegon Hill, &c., by W. Maxfield, 1821. 1822.

Survey of the Pulicat Shoals, by J. Goldingham. 1794.

Bay of Coringa, by M. Topping, 1789. 1791.

Broach Bar and River, by W. A. Skynner. 1775.

Plan of Demaon and Views, by J. McCluer. 1798.

5. ISLAND OF CEYLON.

Chart of the Island of Ceylon and the adjacent Coast of India, by Heywood and Wedgburgh. 1822.

North End of Ceylon and Negapatam Road. 1805.

Batacalao Road on Ceylon. 1805.

Harbour of Point de Galle, by D. Inverarity. 1814.

Harbour of Trincomalee, by J. Cannon and H. Loring. 1834.

Harbour and Bays of Trincomalee. 1834.

Venloos Bay on the East Coast of Ceylon, by Heywood. 1805.

6. COAST OF THE BIRMAN EMPIRE AND MALAYA.

Coast Line.

Coast of Ava from Bluff Cape to Broken Point. 1829.

Coast from Broken Point to Porian Point (the Calventuras to Diamond Island), with Plan of Goa Choung, by J. Crawford. 1826.

Tenasserim Coast from Martaban to Tavoy Point, by D. Ross, 1828 (2 sheets). 1829.

Coast from Tavoy Point to Mergui, by D. Ross, 1828. 1829.

East Coast (from Tringany to Singapore), by J. Crawford. 1820.

6. COAST OF THE BIRMAN EMPIRE AND MALAYA, continued.

Straits.

Cheduba Strait and Ramree Road and Harbour, by Capt. Laws.	1835.
Straits of Durian, by Collinson, etc.	1823.
———. See <i>Singapore</i> .	
Gaspar and Clement's Straits, by D. Ross.	1819.
Strait of Malacca, by J. Horsburgh (2 sheets).	1823.
The Strait of Malacca, Western Part, with Plan of Port Dinding.	1840.
The Strait of Malacca, Eastern Part.	1840.
Malacca Strait, Singapore Strait, and Southernmost Promontory of Asia, by J. Horsburgh.	1826.
Strait of Papra between the Island Salang and the Continent, by A. Blair.	1793.
Straits of Singapore, Durian and Rhio.	1840.

Sounds, Roads, Bays and Harbours.

Cheduba Roads and Ramree Harbour, by R. Lloyd.	1829.
Chittagong, Kyook Phyou, Ramree, by Laws, Ross, etc.	1835.
Kyook Phyou Harbour, Coast of Arracan.	1829.
———, by Capt. Laws, 1830.	1835.
Maulmain Harbour, by O. Stanley.	1844.
Mergui. See <i>Islands, Tavoy</i> .	
Negrais, Rangoon, Martaban, by Ross, Crawford, etc.	1835.
Rajah Bassa Road, by W. Moffat.	1815.
Ramree. See <i>Cheduba</i> .	
Singapore Harbour, by D. Ross.	1820.
———, Harbour near, by D. Ross.	1829.
——— and the Islands in its Vicinity, by D. Ross, 1827.	1830.
——— and Roads, with the adjacent Channels, by D. Ross, 1827.	1840.

Rivers.

Chart of Aracan River.	1774.
Plan of Martaban River (and Bruze Island).	1826.
Entrance to the River Negrais, by J. Crawford, 1826.	1835.
Rangoon River, by D. Ross, 1825.	1827.
———, by Ross and Douglas, 1825.	1835.

Islands.

Andaman Isles, by Blair and Moorson, 1789-90.	1835.
———. Strait through the Great Andaman Islands, by J. Wales.	1810.
———. N.E. Harbour on the Great Andaman Island, 1791.	1812.
———. Ports Campbell and Cornwallis, by A. Blair.	1794.
———. Port Meadows, by E. Cooke.	1812.

6. COAST OF THE BIRMAN EMPIRE AND MALAYA, continued.

Islands.

- Southern Moscos Islands, Coast round Tavoy River, Tavoy Island,
etc., by C. Court. 1826.
Penang or Prince of Wales Island, Malacca Strait: by T. Woore,
1832. 1840.
Bentinck Sound, Mouth and Upper Part of the River Tavoy, and
Port Owen on the East Side of Tavoy Island, 1824-30. 1835.
Tavoy, Mergui, by Captain Ross. 1835.
Islands of the Coast of Tenasserim, by D. Ross. 1831.

7. COAST OF CHINA AND THE CHINA SEA.

- Index to the Charts of the Coast of China. 1840.
China Sea, by J. Horsburgh (2 sheets). 1821.
La Mer de Chine, par M. Daussey. 1838.
China Sea. 1840.
Coast and Rivers of Camboja, and part of Lower Cochin-China, by
Dayot, 1798. 1806.
Coast of Cochin-China [Tracks of the Discovery and Antelope, and
Situation of the Paracels], by D. Ross and P. Maughan (2 sheets).
1808.
Cochin-China, by E. Paris, and Part of Hainan, by D. Ross. 1840.
———, from the Gulf of Siam to Nhatrang, by J. Dayot, 1798.
1840.
———. From Nhatrang to Touron, by J. Dayot, 1798. 1840.
South Coast of China from Hainan Island to Macao. 1840.
———. Chou-Kiang or Canton River, from Lintin to the Second
Bar, by D. Ross, 1815. 1840.
———. Chou-Kiang or Canton River, from Second Bar to Canton,
with Plan of Canton, by D. Ross, etc., 1815-16. 1840.
———. By D. Ross and P. Maughan (2 sheets). 1807.
———. Cum-Sing-Mun Harbour, by Rees and Jauncey. 1840.
———. From Macao to the Brothers, by D. Inverarity. 1801.
———. Macao to Namoa. 1840.
Coast from Breaker Point to the Lamock Islands, by D. Ross. 1817.
Côtes Orientales de Chine. 1842.
East Coast of China and Western Part of Formosa, by G. Blaxland.
1828.
———. From Namoa to Haïtan Island. 1840.
———. From Haïtan Island to the Kwesan Islands. 1840.
———. From the Kwesan Islands to Whang-ho Gulf, and Ports
Woosung and Ting-hai. 1840.
———. From the Kwesan Islands to Whang-ho Gulf, the Yang-
tse-kiang, by Bethune and Collinson. 1841.
———. From the Kwesan Islands to Whang-ho Gulf, by R. D.
Bethune. 1843.

7. COAST OF CHINA, ETC. continued.

Gulfs, Harbours, etc.

- Harlem's Bay, and Part of the Coast of China, by D. Ross, 1812. 1814.
 Yellow Sea, and Gulf of Pe-Chili. 1840.
 ——— With corrections. 1841.
 Gulfs of Pe-tche-lee and Leotong, in the Yellow Sea (Tracks of the
 Ships Discovery and Investigator), by D. Ross. 1817.
 Peninsula of Korea. 1840.

Ports.

- Port Condor, by Dedier, etc. 1788.
 Hong-kong, by Sir E. Belcher. 1843.
 Macao, by P. Heywood, 1804. 1840.
 City of Macao, from a Spanish MS. 1805.
 Port Ta-Outze, and the Mouth of the River Ta-Hea, by T. Rees. 1840.

Channels, Roads, etc.

- Bashee and Ballingtang Channels. 1841.
 Chapoo Road, by Kellett and Collinson. 1843.
 Passages and Channels into the Harbour of Chusan, by J. Thornton. 1788.
 Sketch of the Foo-To-Shan Channel, by R. Collinson, 1840. 1841.
 Kintang and Blackwall Channels, by J. Pascoe. 1841.
 Channel from Lintin to the Bocca Tigris, by D. Ross.
 Sketch of the Channel of Lowang. 1841.
 Strait and Islands of Mia-Tao, by W. Dillon. 1841.
 Mi-a-tau Strait and Che-Fow Harbour, in the Gulf of Pe-Chili. 1840.

Harbours.

- Amoy Harbour, by Collinson and Bate, 1841. 1842.
 Amoy Harbour, and Coast from Namoa to Amoy, by F. Dayot, 1805. 1840.
 Chosan Harbour, by W. R. Broughton, 1797. 1840.
 Bay of Hocsieu and the Mouths of the River Chang in Fo-ky-en Province. 1784.
 Harbour of Hui-Ling-San, on the South Coast, by D. Ross.
 Sketch of Hulu-Shan Bay, by G. H. Skead. 1841.
 Ki-san-seu, or Zeu-oo-Tao Harbour, by D. Ross, 1816. 1817.
 Namo Harbour, on the South Coast, by D. Ross, 1807.
 Nimrod Sound, by G. F. Hastings. 1844.
 Oie-Hai-Oie Harbour, by J. Crawford, 1816. 1817.
 Tien-pe-hien, on the Coast of China, and Galloon or Gelang Bay, South Coast of Hainan. 1779.
 Tihen-Pien, or Tien-Pack Harbour, on the South Coast, by D. Ross.
 Toong-Koo, or Urmstone Bay, by J. Sprent. 1839.
 Towron Bay, by E. Paris, 1831. 1840.

7. COAST OF CHINA, ETC. continued.

Rivers, etc.

Entrance to the Chou-Kiang, or Canton River, from the Outer Islands to Lintin, by D. Ross, 1815.	1840.
River Choo-Keang, or Tigris, from Longeet to Second Bar, by D. Ross and Ph. Maughan, 1815.	1816.
Choo-Keang or Canton River, by J. Horsburgh.	1831.
River Dong-Nai, from Cape St. James to the City of Saigon, with Plan of the City, 1791-99.	1840.
Entrance to the River Min, by T. Rees, 1832.	1840.
River Min, to the Pagoda Anchorage, by H. Kellett.	1844.
Approach to the River Pei-ho and the Sha-lui-Tien Banks, by G. Norisworthy.	1841.
The River Saigon and Port of Candiu.	1802.
Woosung River, from the Lake of Tien Shan to Shang and Woosung, by Kellett and Collinson.	1843.
Woosung River, by H. Kellett.	1844.
Mouths of the Yang-Tse-Kiang, by Bethune.	1841.
Yung-Kiang River, by R. Collinson.	1844.
Route of the British Embassy, along the River Yang-tse-kiang, by Lord Colchester, 1816.	1841.

Islands.

Anamba Islands, in the China Sea, by E. Paris.	1840.
Chusan Islands, by R. Collinson (two sheets).	1842.
Ting-Hae Harbour, in Chusan Island, by R. Collinson.	1841.
Formosa. Killon Harbour and Meropes Bay, in, by G. Parkyns, etc.	1825.
Island Pakan, or Formosa.	1729.
Hainan. South Coast of.	1786.
———. South-East Coast of, by D. Ross.	1822.
Japan. South-West Part of.	1792.
Kweshan Islands, by R. Collinson.	1842.
Loo-Choo Group of Islands, by Basil Hall, 1816.	1840.
———. Sketch of Port Melville, by Basil Hall, 1816.	1840.
———. Napa-Kiang Roads, by F. W. Beechey, 1827.	1835.
Natuna Islands, by M. E. Paris, 1831.	1840.
The Paracels. Western Group of, by D. Ross.	1808.
———. Plan of the Amphitrite Islands (Part of the Paracels), by D. Ross.	1808.
Islands of Pehoe, or Ponghou.	1792.

G.

ISLANDS OF THE EASTERN ARCHIPELAGO.

- La Partie du Grand Archipel d'Asie, entre Java, la Nouvelle-Guinée et la Nouvelle-Hollande, par M. Daussy. 1840.
- The Islands and Channels at the South-West extremity of the China Sea, by J. Horsburgh. 1831.
- Chart of the China and Java Seas, Coast of Borneo, etc., by James Horsburgh. 1833.
- Island of Amboina. 1782.
- The Arroa Islands, Plan of, by D. Ross. 1820.
- , with the North Sands and Calam Strait. 1840.
- Banca, Island and Strait of, with Part of Sumatra, by J. Horsburgh. 1819.
- Part of the Islands to the East of Bintang Island, by D. Ross, 1819. 1820.
- Boonting Islands, on the Coast of Queda, by G. Hire. 1831.
- Borneo. Tanjong-dattoo to the River Morotaba, by Sir E. Belcher. 1844.
- . River Salween, by M. Nolloth. 1845.
- CELEBES. See also *Philippines*.
- . West Coast, from Tanakeke to Mandhar. 1786.
- . Turatte and Bonthian Bays on the South Coast. 1784.
- . Plan of Macassar, by J. Crawford, 1814. 1816.
- . Strait of Limbe, by J. Wales. 1801.
- . Plan of Macassar Road. 1804.
- . Straits of Solor. 1780.
- Ceram. Bay of Selema and Harbour of Saway on the North side of, by T. Hayward. 1800.
- Island of Engano, on the West Coast, by J. Napier. 1822.
- Island Geby, by J. McCluer. 1795.
- Gillolo, Dammer and Weeda Islands, etc. Track of the Scaleby Castles through the Gillolo Passage, by W. R. Blakely. 1823.
- Track of the Ariel between Hog Island and Tapanooly. 1805.
- Honimoa Island, Saparooa Bay, and Noessa Lauton, by J. Wales. 1801.
- JAVA AND THE JAVA SEA.
- Road of Batavia, and Plan of the City of Batavia, 1763. 1786.
- Palabuan Ratu or Wyn Coops Bay, and Dirck Vries and Maurice Bays. 1801.
- Mew Bay in the Strait of Sunda, by J. Watson, 1762. 1774.
- Marak Harbour in Sunda Strait, by C. Bailey, 1812. 1841.
- Ballambouang Bay in the Strait of Bally, by N. Skottowe, 1766. 1779.
- Sunda Strait, by D. Ross. 1841.
- Strait of Sunda, by J. Horsburgh. 1818.

ISLANDS OF THE EASTERN ARCHIPELAGO, continued.

JAVA AND THE JAVA SEA.

Ilchesters Shoal (Lingin Island), by D. Ross, 1819.	1820.
Great Natuna Island or Pulo Boong-ooran.	1816.
The Mergui Archipelago, by D. Ross, 1828.	1830.
The Peeloo Archipelago, by J. McCluer.	1796.

PHILIPPINE ISLANDS.

Appo Shoal and the Islands adjacent, by D. Ross.	1817.
Isles Philippines, Célèbes et Moluques, par M. Daussy.	1840.
Port San Pio Quinto on the Island Camiguin.	1792.
Ports of Mariveles and Cavite in Manila Bay, 1792.	1827.
Manilla Bay, by F. Bauza, 1792.	1830.
Port of Subec near Manila on the Island Luzon.	1766.
Port of Sorsogon, on the South-east of Luzon.	1827.
Channels, Islands and Dangers between Luzon and Formosa, by J. Horsburgh.	1810.
Mageendanao Island, Bongo Bay.	1774.
———. Pollock Bay, by P. Heywood.	1805.
———. Mindoro Bay, on the West of, and Port Mangarin at the South end, with the Cawelely and the Cagayan Islands.	1788.
Island Palawan, by J. Barton.	1781.
———. Track of the "Antelope," on the Coast of, in 1810, by D. Ross.	1815.
———. Ooloogan Bay, by G. Crichton, 1836.	1840.
Samar, Port of Palapa on the North of the Island of.	1827.
Channel between the Islands Monmouth and Bashee.	1784.
West Part of Puloleat or Middle Island, by D. Ross.	1819.
The Sooloo Archipelago, by A. Dalrymple, with Plans of Tooolyan Bay and Sooloo Road.	1771.
The Island of Ticao, St. Jacinto on.	1826.

SUMATRA.

Les Iles Sumatra, Java et Bornéo et les Mers Environnantes, par M. Daussy.	1839.
Western Coast of Sumatra, by J. Horsburgh.	1832.
East Coast from Diamond Point to the South Entrance of Brewer's Straits, by W. Rose and R. Moresby, 1822.	1824.
The Northern Pepper Ports on the West Coast, and Chart of Passage Island, by S. Ashmore, 1821.	1822.
Channel between Sumatra and Lucepara Island, by D. Ross.	1819.
Acheen Road and the Surat and Sedre Passages, by J. Downie.	1806.
Croe Roads, by W. McKellar.	
Plan of Soundings from Pulo Aor to the South and Outside of the Reef off Point Romania.	1818.
Passage from Tanjong Bon and Pulo Barellah to the South Entrance to the Straits of Durian, by Collinson and Moresby (2 sheets).	1823.

ISLANDS OF THE EASTERN ARCHIPELAGO, continued.

SUMATRA.

Padang, the Dutch Company's Settlement on the West Coast.	1782.
Caloombyan Harbour.	1819.
Keyser's Bay or Semanko, on the South Coast, by T. Forrest.	1774.
Lampoon Bay, on the South Coast, 1764.	1774.
The Harbour of Mansillar near Sumatra, by J. Macdonald, 1789.	1793.
Nancowry Harbour, by A. Kyd, 1790.	1792.
Port Pisang Harbour and Croe Roads on the West Coast.	1817.
Samangca Bay, with Plans of Caloombyan Harbour and Billimbing Bay, by Hull and Johnson.	1819.
———. The Harbour of Tapanooly, by J. Macdonald.	1797.

Timor, and some neighbouring Islands, by M. Flinders, 1803.	1814.
———. West End of the Island Timor, etc.	1786.
———. Coupang Road on the Island of Timor.	1805.
———. Harbour of Dellie, on the Island of Timor (Portuguese Settlement).	1802.
Tumbelan Islands: Tracks of the Ship General Harris, on her Passage from China to Gasper Straits, etc.	1826.
Tumbelan Islands, by D. Ross, 1814.	1816.
Harbours of Offak and Piapis on Waygiou, by T. Forrest.	1781.
Rawak Harbour on the North Side of Waygiou, by T. Forrest.	1781.

H.

COASTS OF AUSTRALIA.

Arafura Sea (with the Coasts of North Australia, New Guinea, Timor, etc.), by G. W. Earl.	1837.
Terra Australis, or Australia, by Flinders and King, etc.	1829.
Les Mers Australes, par M. Daussey.	1842.
Buccaneer's Archipelago and North-West Coast.	1826.
Dampier's Archipelago, by the same.	1826.
Chart of part of the Interior of New South Wales, by John Oxley.	1822.
Coast of Australia from North-West Cape to King George III.'s Sound.	1825.
———— from Camden Bay to Vansittart Bay, by the same.	1826.
———— from the Buccaneer's Archipelago to Cape Lambert, De Witt's Land, by the same.	1825.
———— from Cape Ford near Port Keats to Lacépède Isles, Dampier's Land, by the same.	1825.
———— from Cape Lambert, Dampier's Archipelago, to Cape Cuvier, Endracht's Land, by P. P. King.	1825.
———— from Exmouth Gulf, De Witt's Land, to King George III.'s Sound, Nuyt's Land, by P. P. King.	1825.
———— from Bay du Géographe to Cape Arid, with Plans of the Archipelago of the Recherche and King George's Sound, by M. Flinders, 1801-03.	1822.
———— from Cape Arid to the Great Australian Bight, by M. Flinders.	1814.
———— from the Australian Bight to Cape Jervis, Gulf of St. Vincent, by M. Flinders.	1814.
———— from Encounter Bay to Cape Otway, by M. Flinders.	1814.
———— from Cape Otway to Twofold Bay, by M. Flinders.	1814.
———— from Barmouth Creek to near Cape Hawke, including Botany Bay and Port Jackson, by M. Flinders, 1798-1803.	1831.
———— from Port Macquarie to Cape Moreton, by Flinders.	1814.
———— from Cape Moreton to the Northumberland Isles, by Flinders.	1814.
———— from Cape Hay to the Gulf of Carpentaria, by P. P. King.	1825.
———— from the Northumberland Isles to Palm Isles, Halifax Bay, by P. P. King.	1824.
———— from Halifax Bay to Claremont Isles, by P. P. King.	1824.
———— from Claremont Isles to Endeavour Strait, Prince of Wales Islands, by P. P. King.	1824.
Van Diemen's Land, by M. Flinders.	1814.
———— D'Entrecasteaux Channel, by J. Burnett, 1837.	1843.

COASTS OF AUSTRALIA, continued.

Tracks through the Barrier Reefs, 1822-30.	1835.
———, Additions.	1841.
———, 1822-40.	1841.
Passages through the Barrier Reefs.	1832.

Straits, Sounds, etc.

Bass's Strait, by J. L. Stokes.	1844.
Clarence Straits and Cape Byron and Moreton Bays, by W. Johns.	1831.
Broad Sound and the Northumberland Isles, by Flinders, with Plan of Endeavour River, etc.	1826.
Cockburn Sound and the Entrance of Swan River, by J. S. Roe.	1831.
———, Gage Road, and Swan River, by J. S. Roe, etc.	1841.
Sound and Coves between the East and West Islands of Kent's Group in Bass's Strait.	1803.
Eastern Entrances to Torres Strait, by P. P. King.	1838.
Houtman's Abrolhos, and Rocks on the West Coast.	1782.

Gulfs and Bays.

Admiralty Gulf and Vansittart Bay, by the same.	1826.
Cambridge Gulf, by P. P. King.	1826.
Gulf of Carpentaria, North-West side, by M. Flinders.	1814.
———, with Plans of Sir E. Pellew's Group and Wellesley's Islands, by Flinders, 1802-3.	1814.
Exmouth Gulf, by the same.	1826.
Recherche Bay, by Beautemps Beaupré, 1792.	1829.
St. Asaph Bay and Port Cockburn, with part of Apsley Strait, by J. S. Roe.	1826.

Harbours and Ports, etc.

Burnett Harbour, and Port Arthur, by J. Welsh.	1830.
Entrance of Macquarie Harbour, by P. P. King, 1819.	1827.
Peel Harbour and Warmbro Sound, by J. S. Roe.	1840.
Port Essington, by C. J. Tyers.	1840.
Port Jackson, by J. S. Roe, 1822.	1826.
Port Phillips, by Symonds, etc.	1838.
———, ———. (Another edition.)	1842.
Port Stephens, by W. Johns, 1828.	1831.
The River Tamar, by J. Welsh.	1831.

J.

ISLANDS OF THE PACIFIC OCEAN.

- Chart of the Southern Ocean and part of the Pacific Ocean, by J. F. Dessiou. 1808.
- Chart of the South Polar Sea.
- The South Polar Sea.
- Actæon Group, discovered by Lord Edward Russell. 1838.
- Amsterdam Island: Vlaming's Road, East Side, by J. H. Cox. 1790.
- Arzobispo, or Bonin Isles: Port Lloyd, West Side of Peel Island, by F. W. Beechey. 1833.
- Caroline Islands: Ascension Harbour, by H. James. 1840.
- Chatham Islands, with Plans of Ports Hutt and Waitangi, and Kangaroo Bay. 1842.
- Friendly Islands: Vauva Harbour, by C. R. Bethune. 1844.
- Gambier's Group, by F. W. Beechey, 1826. 1831.
- Guam: Umatac Bay, on the Island Guahan or Guam. 1796.
- : Puerto de Apra, by A. Rodrigues, 1733. 1781.
- Heyow, the Bow Island of Capt. Cook, and the La Harpe of Bougainville, by F. W. Beechey. 1833.
- Great Ladrone, Coast to the Eastward of the, by D. Ross. 1814.
- Lord Auckland's Group, and Campbell's Island. 1823.
- Marquesas Islands, by Tesson. 1844.
- Navigators' Islands: Apia Bay, in the Island of Upolou. 1843.
- New Britain: Carteret's Harbour, in St. George's Sound. 1781.
- . English Cove and Gower's Harbour. 1781.
- New Caledonia, West Side: Port St. Vincent. 1805.
- New Guinea: Great Bay, on the North Side. 1781.
- General Chart of the Coast of Papua, or New Guinea. 1792.
- New Hebrides: Resolution Bay, in Tanna Island, by Sir E. Belcher. 1843.
- New Ireland: Plan and View of Port Hunter, by W. Bradley. 1794.
- New Zealand. Islands of New Zealand. 1838.
- . Chart of New Zealand, by Captain Cook, 1769–70. 1816.
- . South Isle. Tory Channel, by E. M. Chaffers. 1841.
- . ——. Rouabouki Road. 1840.
- . ——. Wakaroa, by O. Stanley. 1844.
- . ——. Tokolabo and Koko-rarata Bays, by Fournier. 1844.
- . ——. Akaroa Harbour, by O. Stanley. 1844.
- . ——. Doubtful, Facile and Pickersgill Harbours, and Anchor Island, from Vancouver. 1840.
- . ——. South Point of Tavai Poenammoo, Dusky Bay and Port Chalky, from Duperry, etc. 1833.
- . ——. Port Gore, by T. Woore. 1836.
- . ——. Port Underwood in Cloudy Bay, by G. Johnson. 1840.

ISLANDS OF THE PACIFIC OCEAN, continued.

New Zealand. Cook's Strait. Blind Bay, West Shore, by Guilbert,	1836.
1827.	
———. D'Urville Island, Cook's Strait. Port Hardy, by T. Woore.	1836.
———. ——. Current Basin, by Guilbert.	1836.
———. North Isle. Shouraka Gulf, and the Mouth of the River Thames.	1836.
———. ——. Shouraka Gulf. Kiahow Harbour, by F. A. Cudlip.	1836.
———. ——. Bay of Islands, in Eaheinomauwe, from Duperry.	1833.
———. ——. Bay of Lauriston.	1781.
———. ——. Wai-Temata Harbour, by P. Fisher, etc.	1840.
———. ——. Tutukaka Harbour and Nongodo River in the Gulf of Shouraka, by N. C. Phillips.	1840.
———. ——. Wangeroa Bay, by Woore and Cudlip.	1836.
———. ——. Port Nicholson or Wangenueatera, by T. Barnett,	1840.
1826.	
———. ——. Port Nicholson, by E. M. Chaffers, 1839.	1842.
———. ——. Shookianga River, by P. P. King.	1833.
Norfolk Island, by W. Bradley.	1823.
Pitcairn's Island, by F. W. Beechey, 1825.	1829.
Port Praslin in 7° 25 S.	1781.
Sandwich Islands.	1843.
———. Waiakia, or Byron Bay, N.E. side of Owyhee, by C. R. Malden, 1825.	1841.
———. Hanalai Bay, North side of Atooi, by E. Belcher.	1841.
———. South Coast of Oahou, by C. R. Malden, 1825.	1841.
Society Islands. Otaheité and Eimeo, by Captain Cook.—Papieté, Toanoa, Papawa Harbours and Matavai Bay, by F. W. Beechey,	1841.
1826.	
St. Cruz Island. Byron's and Swallow or Water Bays, 1767.	1782.
Week Islands, by R. Fitzroy.	1835.

K.

ATLANTIC COASTS OF NORTH AMERICA.

1. THE ARCTIC REGION.

Chart of the North Polar Sea.

Coasts of Europe, Asia and America, in the Polar Regions. 1829.

Arctic America. Barrow Strait, Prince Regent Inlet, Boothia Gulf,
etc., with Plans of Ports. 1836.Baffin's Bay with Davis and Barrow Straits by Ross and Parry, 1818-20.
1824.

2. THE EASTERN COAST.

Chart of the Coast of Nova Scotia. 1825.

Sheet 1. Pubnico Harbour to Baccaro Point (Cape Sable Island, etc.).

— 2. Baccaro Point to Rugg Point (Cape Negro and Shelburne Harbours,
etc.).

— 3. Rugg Point to White Point (Ports Mouton, Jolie and Ebert).

— 4. White Point to Petit River (Liverpool Bay and Port Metway).

— 5. Cape Le Have to Highland of Aspotagoen (Mahone Bay).

— 6. Aspotagoen to Tenant's Bay (Margaret's Bay).

— 7. Cape Prospect to Three Fathoms Harbour (Bedford Basin, Halifax,
Macnabb's Islands, etc.).— 8. Three Fathoms Harbour to Tangier Harbour (Jedore Harbour, Nichols
Island, Charles River, etc.).— 9. Charles Island to Nicomtau Bay (Tangier, Gerards, Phoenix and Sober
Islands, etc.).— 10. Nicomtau Bay to Indian Harbour (Goose, Barren and Liscomb Islands,
River St. Mary, etc.).

— 11. Indian Harbour to Torbay (Harbour, Goose and Coddle's Islands).

— 12. Berry Head to Durrell's Island (White Haven, Dover Bay, St. An-
drew's Island).— 13. Gut of Canso, Chedabuctou Bay, etc. (Coasts of Nova Scotia and Cape
Breton Island).

Coast of Nova Scotia and Cape Breton Island. 1834.

Coast of Labrador, from Cape Charles to Sandwich Bay, by M. Lane,
1770-71 (2 sheets). 1809.

Coast of the United States from Maine to New Jersey. 1834.

— From New Jersey to North Carolina. 1836.

— From North Carolina to Georgia. 1836.

3. THE GULF AND RIVER OF ST. LAWRENCE.

Gulf of St. Lawrence, by Captain Bayfield (North American Coast,
Sheet 2). 1841.Gulf of St. Lawrence, from St. Lewis Sound to the Esquimaux Islands,
1832-34. 1843.

— Esquimaux Islands to Lake Island. 1843.

— Lake Island to Pashasheeboo Point. 1837.

— Pashasheeboo Point to Magpie Bay. 1837.

— Magpie Bay to Point de Monts. 1837.

Straits, Channels, etc., in the St. Lawrence.

Belleisle Strait. Little Mecattina Island, etc. 1838.

— Chateau Bay, by Bayfield. 1838.

3. THE GULF AND RIVER OF ST. LAWRENCE, continued.

Straits, Channels, etc. in the St. Lawrence.

Belleisle Strait. Bonne Esperance Harbour, by Bayfield.	1838.
———. Bradore Bay and Harbour, by the same.	1838.
———. Red Bay, by the same.	1838.
The North and Middle Traverses between Orleans and Crane Islands, by the same, 1827-34.	1837.

Bays, Harbours, etc.

Passages into Sandwich Bay, by R. Pearce.	1821.
Belles Amours Harbour, Middle Bay, etc., by the same.	1838.
Coacocho Bay, by Bayfield.	1838.
Chart of the Bay of Fundy, 1824 (2 sheets).	1831.
Gaspé and Mal Bays, by Bayfield.	1838.
Grand Manan, Passamaquody Bay, etc., by T. Hurd.	1832.
Kegashka Bay, by Bayfield.	1838.
Miramichi Bay, by Bayfield, 1837.	1841.
Montreal Harbour, by Bayfield.	1838.
Mount Louis Bay and Magdalen River.	1838.
Harbour and Basin of Quebec, by H. W. Bayfield.	1829.
Sealing Bight and St. Francis Harbour, by J. L. Roberts, 1820.	1822.
St. Nicholas Harbour.	1838.
Trinity and Conception Bays, by M. Lane, 1775.	1835.
Bay of the Seven Islands.	1838.
Wapitagun Harbour.	1838.
Watagheistic Sound, Mary Islands, etc., by Bayfield.	1838.

Rivers.

River St. Lawrence, below Quebec, by Bayfield (Point de Monts to Bersimis River).	1837.
———, between Bersimis and Saguenay Rivers, including Bic and Green Islands.	1837.
———, Green Island to the Pilgrims.	1837.
———, from Cape Chatte to Bic Island.	1837.
———, from the Pilgrims to Point Ouelle.	1837.
———, Point Ouelle to Seal Islands.	1837.
———, Seal Islands to Orleans Isle.	1837.
———, Quebec and Isle of Orleans.	1837.
———, above Quebec: Quebec to Batiscan, by Holland, 1769.	1838.
———, Batiscan to Lake St. Peter, by Bayfield.	1838.
———, Lake St. Peter.	1838.
———, from Lake St. Peter to Montreal.	1838.
———, from Bic Island to Quebec, by Bayfield.	1837.
———, from Lake Ontario to the Galop Rapids, by W. F. W. Owen, 1826 (5 sheets).	1828.

3. THE GULF AND RIVER OF ST. LAWRENCE, continued.

Rivers.

Bersimis River.	1840.
Manicouagan River.	1838.
St. Mary's River, from the Rapids to Lake Superior, by Bayfield, 1825.	1828.
———, from the Falls to Lake George.	1828.
Saguenay River, by Bayfield, 1830.	1840.

4. THE ISLAND OF NEWFOUNDLAND AND THE ADJACENT ISLANDS.

Island of Newfoundland, by M. Lane, 1790.	1791.
———. (North America, Sheet 1.)	1843.
———. Carte Générale des Bancs de Terre-Neuve, by C. F. Lavaud.	1839.
———. Banks off the Island (North American Coast, Sheet 3).	1836.
———. Virgin Rocks, and the surrounding Bank, by E. Rose, 1829.	1831.
———. Northern Part, and the Strait of Belleisle.	1828.
———. Coast from Point Lance to Cape Spear, by M. Lane, 1773.	1809.
———. Coast from Bonaventure Head to Rocky Bay, by Holbrook and Bullock.	1822.
———. Coast from Trinity Harbour to Cape Freels, by Holbrook and Bullock, 1817.	1822.
———. Coast from Cape Freels to Point Partridge, by F. Bullock, 1823-24 (Bay of Notre Dame).	1828.

Bays, Harbours, Ports, etc.

North-west Arm, Bonavista Bay, by W. Bullock.	1823.
Barrow Harbour in Bonavista Bay, by Holbrook and Bullock.	1824.
Braha Harbour, by the same.	1828.
Cape Rouge Harbour, by F. Bullock.	1828.
Cremallire and Goose Cove.	1828.
Croque Harbour, by G. Thomas, 1808.	1816.
Cutwell Harbour.	1828.
Fleur de Lis Harbour, by T. Smith, 1825.	1828.
Fortune Harbour, by F. Bullock.	1828.
Bays of Griguet and Camels Islands Harbours, by T. Smith, 1826.	1828.
Harbour Grace, in Conception Bay, by R. Pearce, 1820.	1825.
How Harbour, the Northern Arm of Hare Bay.	1828.
La Scie Harbour, by F. Bullock, 1825.	1828.
Little Southern Harbour in Placentia Bay, by F. Bullock.	1823.
Nipper's Harbour, by T. Smith.	1828.
Paquet Harbour, by H. F. Edgell, 1801.	1815.
Bay of Placentia on the South Coast, by M. Lane (2 sheets).	1773.

4. THE ISLAND OF NEWFOUNDLAND AND THE ADJACENT ISLANDS, continued.

Bays, Harbours, Ports, etc.

St. Anthony Harbour, by M. Lane.	1828.
Lake and River St. Clair, by the same.	1828.
Town and Harbour of St. Johns.	1816.
St. Lunaire Bay on the North-east Coast, by the same.	1828.
Toulinguet Harbours, by T. Smith.	1828.
Triton Harbour, on the North-east Coast, by the same.	1828.

Adjacent Islands.

Change Islands Tickle, by the same.	1828.
Chart of the Island of Fogo, and Dangers off the Coast of Newfoundland, by F. Bullock.	1830.
Fogo Harbour.	1828.
Funk Island, by W. Bullock.	1822.
Island of St. Paul, by H. W. Bayfield.	1836.
Anticosti (South-west Point) and Salt Lake Bay, by Bayfield,	1830.
—————. East Point and Bear Bay, by the same.	1838.
—————. Ellis Cove, by H. W. Bayfield,	1828.
—————. 1830.	1830.
Cawee Islands.	1838.
Magdalen Islands, by Collins,	1833.
—————. Amherst Harbour in, by P. E. Collins,	1833.
—————. Grand Entry Harbour.	1838.
Mingan Islands, 1834 (2 sheets).	1838.
Port of St. Pierre Island, by Dupetit-Thouars,	1824.
—————. 1830.	1830.

5. LAKES OF NORTH-EASTERN AMERICA AND CONNECTING RIVERS.

Survey of the Chesapeake, by A. de Mayne,	1814.	1820.
River Detroit from Lake St. Clair to Lake Erie, by the same.		1828.
Survey of the River Niagara, by W. F. W. Owen.		1828.
Lake Erie, by Bayfield,	1817-18.	1828.
—————. Small River West of Buffalo.		1828.
—————. Long Point Bay, by J. Harris.		1839.
—————. Inner and Outer Bays of Long Point.		1828.
—————. Mohawk Bay.		1828.
—————. Lake Huron (sheets 3, 4 and 5).		1828.
—————. St. Joseph's North Channel, by Bayfield,	1822.	1828.
—————. Rattle Snake Harbour.		1828.
—————. Port Collier.		1828.
Lake Ontario, and the Back Communication with Lake Huron, by W. F. W. Owen,	1817.	1838.
—————. Plan of York Harbour.		1828.
Survey of Lake Superior, by Bayfield (3 sheets).		1828.

5. LAKES OF NORTH-EASTERN AMERICA AND CONNECTING RIVERS, continued.

Lake Superior, North Coast, including Neepigon and Black Bays, by Bayfield. 1828.

———. From Grand Portage Bay to Hawk Islet, including Isle Royale. 1828.

———. From Small Lake Harbour to Peninsula Harbour. 1828.

6. THE GULFS OF MEXICO AND FLORIDA.

Coast Line.

General Chart of the West Indies and Gulf of Mexico, with the Coasts of Florida, Louisiana and Mexico, Bay of Honduras and Musquito Shore, by A. de Mayne, etc. (4 sheets). 1832.

———. West Florida and the Coast of Louisiana from Sawaney River to 94°20' W. long., with the Entrance of the Mississippi, Bay of Mobile, Pensacola Harbour, etc., by G. Gauld, 1764-71 (4 sheets). 1823.

Gulf of Florida and Providence North-West Channel, by A. de Mayne, 1820-21. 1823.

Florida and Providence Channels, by R. Owen. 1836.

The Tortugas and Florida Kays or Martyrs, by G. Gauld, 1773-75 (3 sheets).

Texas. San Luis Harbour, by Hinton. 1844.

Coast of Texas, by W. Kennedy. 1844.

Coast from Cape Catoche to Sisal, including the Campeché Shoals, by E. Barnett. 1838.

Coast from San Juan de Nicaragua to C. Gracias, by Owen and Barnett. 1844.

Coast from Point Manzanilla to San Juan de Nicaragua, by E. Barnett. 1844.

Carthagena, and the Coast from Point Canoa to Point Gigante. 1823.

Lagoons, etc.

Blewfield Lagoon. 1843.

Pearl Cay Lagoon Entrance and the Corn Islands. 1843.

Shoals, Reefs, Kays, etc.

Alacran Shoal. 1839.

Cay Arenas and adjacent Reefs. 1839.

Mosquito Coast. Pearl Cays, by R. Owen. 1844.

Sisal Reefs, by E. Barnett. 1839.

Cape Catoche (Yucatan Coast), by E. Barnett. 1839.

Harbours and Ports.

Belize Harbour (Coast of Honduras), by R. Owen, 1830. 1831.

Bay of Corsarios and Port of Turiamo. 1827.

Harbour of Chagres, by J. A. Lloyd. 1829.

Gulf of Dulce, in Guatemala, by R. Owen, 1834. 1839.

Honduras Gulf, with the Zapotilla Cays, by Owen and Barnett. 1844.

6. THE GULFS OF MEXICO AND FLORIDA, continued.

Harbours and Ports.

Bay of Limon, or Navy Bay, by J. A. Lloyd.	1829.
Mugeres Harbour, by the same.	1839.
Baxo de las Arcaas.	1826.
Porto Bello and the adjacent Coast.	1820.
Porto Cabello, the Road of La Guayra, and the Bay of Barcelona.	1817.
Port Chagre, Lorenzo Castle and Limon Bay (Isthmus of Panama).	1843.
Port el Roque, by O. Johnes.	1828.
Port Honduras, by R. Owen, 1830.	1833.
Port San Blas, by H. Foster.	1823.
San Juan de Nicaragua, by G. Peacock.	1833.
Harbour of Santa Martha, by Captain Tait.	1818.
Port of Vera Cruz and Anchorage of Anton Lizardo.	1825.

Rivers.

Entrance of the Columbia River, by A. Robson, 1816.	1821.
River Dulce in Guatemala, by R. Owen, 1834.	1839.

Islands.

St Andrew's Island, by R. Owen.	1844.
Isle of Arenas (Sandy Island).	1826.
Isles Sta. Catalina and Old Providence, Mosquito Coast.	1824.
Serrana Bank, by R. Owen.	1844.
Serranilla Bank.	1844.
Utilla Island (Mosquito Coast).	1843.

L.

THE WEST INDIAN ISLANDS.

GENERAL CHARTS.

- West India. Sheet V., from Crooked Island to the Mona Passage, and North Coast of Haiti, by R. Owen, 1832. 1843.
- . Sheet 13, from Cape Gracias to Belize, with the Harbours of Port Royal and Cape Gracias, by the same. 1843.
- . From the Providence Channels to the Windward Passage, by R. Owen, 1831–32. 1834.
- . From the Island of Trinidad to Los Roques. 1837.
- . From Los Roques to Cabo la Vela. 1837.
- . From the Cabo la Vela to Cayos Ratones. 1837.
- . From Belize to Cape Catoche, by R. Owen and E. Barnett, 1830–37. 1839.

THE BAHAMAS.

Channels in the Bahamas.

- The Great Bahama Bank, with its Islands, Cays and Channels. 1844.
- Bahamas Ship Channel, by R. Owen. 1845.
- Crooked Island Passage, by the same. 1828.
- Exuma Sound, Wax Cay Cut, by R. Owen. 1843.
- Fleeming or Six Shilling Channel, by R. Owen. 1832.
- The Nurse Channel, by E. Barnett. 1843.
- Racoon Cut, by R. Owen. 1843.

Keys and Shoals in the Bahamas.

- West Elbow of the Cay Sal Bank, and Part of the Florida Channel, by R. Owen. 1837.
- Great Stirrup Cay, by R. Owen, 1835. 1842.
- Keys and Shoals in the Mira-por-Vos Passage. 1828.
- Salt Key Bank, by A. de Mayne. 1826.

Anchorage.

- Crooked Island Anchorage, by R. Owen. 1843.
- Hawk's Nest Anchorage, in the Turks Islands, by R. Owen. 1831.
- Man of War Cay Anchorage. 1830.
- Ragged Islands Anchorage, by R. Owen. 1843.
- Whale Cay and Green Turtle Cay Anchorages. 1830.

Egg Island. See Royal Island.

- Great Exuma, the Harbours of, by E. Barnett. 1843.
- New Providence, Island of, by E. Barnett. 1843.
- . Salt Cay Anchorage and Hanover Sound, by R. Owen, 183. 1842.

THE BAHAMAS.

New Providence. New Anchorage, South East end, by R. Owen.

————. Nassau Harbour, by E. Barnett. 1821.

Old Providence Island and Coral Bank, with Plan of Catalina Har- 1842.

bour. 1840.

South Side of the Providence, North-West Channel, 1816. 1831.

Ragged Island Harbour. 1843.

Royal and Egg Islands, and Royal Island Harbour. 1834.

Pelican and Little Harbours, by the same. 1830.

Turks Islands, by R. Owen, 1830. 1842.

BERMUDA ISLANDS, by T. Hurd, 1783-97. 1827.

CUBA. Old Bahama Channel, comprising the Coast of Cuba from Icacos Point to Point Guarico, by J. F. Dessiou. 1823.

Bahia Honda. 1826.

Port of Baitiqueri on the South Coast. 1826.

Port of Banes. 1826.

Port of Baracoa. 1824.

Port Bariai. 1823.

Port of Cabonico Ylivisa. 1824.

Port of Cananova. 1826.

Porto de Cavanias, by A. de Mayne, 1816. 1822.

Port of Cayaguanique. 1826.

Port of Cayo Moa. 1824.

Port of Cebollas. 1824.

Port Escondido, or Hidden Harbour. 1826.

Port of Gibara. 1824.

The Harbour and City of Havana, by J. Del Rio, 1798. 1844.

Harbour and City of the Havana, by J. Del Rio, 1798. 1805.

Port of Guantanamo, or Cumberland Harbour. 1827.

Bay of Jagua. 1825.

Port of Jaragua. 1826.

Port Jururu. 1823.

Port of Manati. 1823.

Port Mariel on the North Coast. 1823.

Port of Mata. 1825.

Port of Matanzas. 1822.

Port of Naranjo. 1826.

Ports of Navas and Maravi on the North-east Coast. 1824.

Port of Nipe. 1826.

Port of Nuevas Grandes. 1823.

Puerto de las Nuevas del Principe, with Plan of the Channel. 1823.

Port Padre. 1824.

Port of St. Jago de Cuba. 1824.

Port of Sama. 1826.

WEST INDIAN ISLANDS, continued.

CUBA. Port of Taco.	1825.
Port of Tanamo.	1824.
Porto de Vita.	1826.
Port of Yaguanique.	1824.

Islands adjacent to Cuba.

The Colorados and the Sancho Pardo.	1838.
The Isle of Pines and adjacent Coast of Cuba, by G. Harris.	1826.

JAMAICA.

The Island of Jamaica, by A. de Mayne, 1821.	1823.
Channels leading to Port Royal and Kingston Harbours, by A. de Mayne.	1824.
Anchorage at Morant Bay, and Coast from Belvidere Point to Fisherman's Bay, by J. Leard, 1792.	1815.
Anchoring Places at Old Harbour, Long's Wharf, Salt River, Peake Bay and Walker's Bay, by Leard and Buller, 1791.	1815.
Anchorage at Blewfields.	1815.
Anchorage at Savanna la Mer, by J. Leard.	1815.
Survey of Morant Keys, ten leagues from the South-east end of Jamaica, by J. J. Rorie, 1804.	1814.
Annatto Bay, by B. Baynton, 1839.	1841.
Green Island Harbour, by B. Baynton, 1832.	1833.
Montego Bay.	1815.
Mosquito Cove.	1815.
St. Ann's Bay.	1815.
St. Lucea Harbour, by B. Baynton, 1834.	1836.
Harbour of Lucea, by Leard and Seymour, 1790.	1815.
Port Antonio.	1815.
Port Morant, by J. Leard, 1792.	1815.
Martha Brae.	1815.
Island of Grand Cayman, West of Jamaica, by G. Gauld, 1773.	1815.

ST. DOMINGO.

Bay of Aquin.	1828.
Bay of Aux Cayes.	1828.
Harbour of Cape François, now Cape Henry.	1828.
Bays of Cayemites and Baradaïres, on the North Coast.	1828.
Bay of Flamand, on the South Coast.	1828.
Bay of Fort Dauphin.	1828.
Gonaïves Bay, on the West Coast.	1828.
Harbour of Jaquemel, by Capt. Mackellar, 1817.	1821.
Harbour of Lacul.	1828.
Mancenille Bay, on the North Coast.	1828.
Bay and Harbour of Port au Prince, by R. Owen.	1831.
Puerto de Plata, on the North Coast, by R. Owen.	1831.

WEST INDIAN ISLANDS, continued.

ST. DOMINGO.

Bays of St. Louis and Meste.	1828.
Bay of St. Mark, on the West Coast.	1828.
Mole of St. Nicholas, by R. Owen, 1830.	1831.

THE VIRGIN ISLANDS.

Anegada Island and Reef, by R. H. Schomburgk.	1834.
Culebra or Passage Island, by A. Lockwood.	1816.
Porto Rico. The Principal Harbour, by Cosmo de Churrucó, 1794.	1824.
———. Mayaguez and Aguadilla Anchorages, and Puerto de Guanica.	1830.
———. Harbour of St. Thomas, by L. J. Rhode, 1822.	1830.
———. Tortola Road, or Sir F. Drake Bay, by Schomburgk.	1836.

THE WINDWARD ISLANDS, OR CARRIBEES.

Grande and Petite Anse d'Arlet, and Petite Anse du Diamant, by J. Stott, 1763.	1814.
Antigua. View of the Land Marks of St. John's Harbour, by Lieut. Columbine.	1793.
———. Road and Harbour of St. John, by E. H. Columbine, 1789-90.	1793.
Barbadoes: Carlisle Bay.	1821.
Barbuda Island, by Capt. Deckar.	1814.
Bequia: Admiralty Bay, by Capt. Dovers, 1811.	1816.
Dominica. Prince Rupert's Bay, by J. Langley.	1820.
———. Grenada: The Carenage and Lagoon, with the Heights and Town of St. Georges, by J. Young.	1821.
———. Mariagalante, West Side, and West Side of Deseada.	1824.
Martinica. Carte Particulière des Côtes de la Martinique, par M. Monnier (4 sheets).	1829.
———. La Baie du Fort Royal, par M. Monnier.	1827.
———. Fort Royal Bay, by M. Monnier, 1825.	1833.
———. Bay, Town, Fortifications and Environs of St. Pierre, by J. Stott, 1763.	1814.
———. La Rade et la Ville de St. Pierre, par M. Monnier.	1827.
———. Bay of La Trinité, by M. Monnier, 1824.	1830.
———. Cul-de-Sac Marin, par M. Monnier.	1828.
———. Cul-de-Sac Marin, par M. Monnier.	1830.
———. Cul-de-Sac Royal, with the Town and Environs of Port-Royal, by J. Stott, 1762-63.	1814.
———. Havres du Robert et du François.	1828.
———. Havre de la Trinité, par M. Monnier.	1827.
The Narrows, between the Islands of St. Kitts and Nevis, by J. Langley.	1820.

WEST INDIAN ISLANDS, continued.

THE WINDWARD ISLANDS, OR CARRIBEES.

Island of Navassa, between St. Domingo and Jamaica, by F. Owen,	1814.
1803.	1814.
Sainte Croix, from the Survey of Gen. Oxholm, 1799.	1831.
St. Lucia, Gros Islet Bay, by J. Langley.	1820.
———. Port of Castries, or Le Carenage, by G. Chalmer.	1830.
Saba Island, by E. H. Columbine.	1816.
The Saintes (St. Peter and St. Paul).	1830.
Sombrero, by J. Hayes.	1815.
Tobago: Great Courland Bay, by W. Elliott.	1820.
Trinidad. Survey of the Island, by E. H. Columbine, 1803.	1816.
———. Dragons' Mouths (Bocas de Dragos) off Trinidad, by	
E. H. Columbine, 1803.	1838.
St. Vincent: Town and Bay of Kingston, by W. Elliott, 1817.	1820.

M.

THE ATLANTIC COAST OF SOUTH AMERICA.

Coast Line.

- Coast of Brazil, from the River Amazon to the River Plate; from the Portuguese Surveys (2 sheets). 1818.
- Coast from Maranham T. to C. St. Agostinho (Pernambuco), from Baron Roussin's Survey, 1819-20. 1833.
- Coast from C. St. Agostinho to Victoria (Capo do Espirito Santo). 1834.
- Coast from Victoria to Sta. Catherina Island. 1834.
- Coast from the Rio de la Plata to Cape Horn, and from Cape Horn to Valparaiso, including the Isles of Juan Fernandes (2 sheets). 1821.
- Coast from the Rio de la Plata to the Rio Negro, by R. Fitzroy, 1834. 1840.
- Coast of Patagonia: Rio Negro to Cape Three Points, by R. Fitzroy, 1834. 1840.
- . Cape Three Points to the Strait of Magellan, 1828-34. 1840.
- Coast from Rio Negro to Union Bay, by R. Fitzroy, 1833. 1844.
- South-East Part of Tierra del Fuego, with Staten Island, Cape Horn, and Diego Ramirez Islands. 1841.

Straits, Channels, and Anchorages.

- Strait of Magalhaens, or Magellan, by P. P. King, 1826-30. 1832.
- East Entrance to Magellan Strait. 1840.
- Channel and Anchorage of the Island of San Sebastiano, by Roussin, 1819. 1829.
- Channel between the English and Archimedes Banks, and the Isle of Flores and Coast of Montevideo. 1819.
- Anchorage, North-West Side of the Island Santa Catharina. 1829.

Bays.

- Bays of Carupano and Esmeralda. 1826.
- Flamingo Bay or Shark Roads, by R. Turner. 1817.
- Maldonado Bay, North Shore of the River Plate. 1821.
- Bays of Unare and Porto Santo. 1826.
- Union Bay. 1840.

Harbours and Ports.

- Harbour of Bahia or St. Salvador, by M. H. Dixon. 1816.
- Harbour of Bahia or San Salvador. 1835.
- Port Belgrano, 1833. 1840.
- Guambacho Cove in Port Samanco, by G. W. Beaumont, 1838. 1842.
- Port Maceio in Pernambuco, by De Roos, etc. 1834.
- Ports in the Strait of Magalhaens, by P. P. King and P. Stokes (3 sheets). 1835.

ATLANTIC COAST OF SOUTH AMERICA, continued.

Harbours and Ports.

Road and Port of Maranham, by Roussin.	1829.
Port of Melo, North Coast of the Gulf of St. George, by Gutierrez de la Concha, 1795.	1820.
Harbour and Road of Pernambuco, by W. Hewett.	1817.
Entrance and Harbour of Rio de Janeiro, from the Portuguese Survey.	1823.
Port St. Antonio, from a Spanish Survey.	1831.
Port San Antonio, 1833.	1840.
San Blas Harbour, 1833.	1840.
Port of St. Elena, 1794.	1819.

Rivers.

Aracati or Jaguarybe River, by R. Dixon, 1829.	1831.
Entrance of the River of Cayenne, by Roussin.	1829.
Mouth of the River Corentyn, by R. H. Schomburgk.	1838.
Mouth of the River Demerara, by R. Owen.	1836.
Rio Negro.	1838.
River Para (Brazil), by Com. Foster, 1831.	1838.
River Para, by Sir E. Home, 1835.	1838.
Entrance of the River Parahyba do Norte, by De Roos and Jenkins, 1832.	1834.
River La Plata, from Cape St. Mary to Buenos Ayres, by J. Warner, with the North Coast from Point Espinilla to Colonia, and the Roads of Buenos Ayres (2 sheets).	1819.

Islands.

Falkland Islands, by Captain Fitzroy.	
———. Berkeley Sound, 1834.	1841.
Port San Julian.	1840.
Port Santa Cruz.	1840.
Port Desire, Sea Bear Bay, and Port Gallegos.	1840.
Island of Fernando Noronha, 1735.	1828.
Bays of Pampater and Port Moreno in the Island of Margarita, with the Port of Laguna Grande del Obispo, Gulf of Cariaco.	1826.
Mocha Island.	1840.
San Aleixo Island, by C. Buckle.	1844.
Ports on the West Side of Santa Ines Islands, by R. Fitzroy.	1835.
San Joao Islands, by the same.	1844.
Penedo de San Pedro, or St. Paul's Rocks, 1832.	1841.
St. Paul's Rocks, or Penedo St. Pedro, by G. Crichton.	1815.
Ship Island with its Harbour, and part of the Coast of Patagonia, by O. Folger.	1816.
Tierra del Fuego. Good Success Bay and Lennox Harbour.	1841.
———. Goree Road.	1840.
———. Packsaddle Bay.	1840.
———. Staten Island, by E. N. Kendal, 1828.	1840.
———. Wollaston Island. Bays, etc.	1841.

N.

WESTERN OR PACIFIC COAST OF AMERICA.

Coast Line.

- Coast, sheet 1. From the Strait of Magalhaens to the Gulf of Trinidad,
by P. P. King, 1828-30. 1835.
- 2. From the Gulf of Trinidad to the Gulf of Penas, by the
same. 1835.
- 3. From the Gulf of Penas to the Guaytecas Islands, by R.
Fitzroy, etc. 1841.
- 4. Guaytecas Islands to Point S. Antonio, by R. Fitzroy,
1835. 1840.
- 5. Point S. Antonio to Point Tucapel, by the same. 1840.
- 6. Tucapel Point to Point Lora, by the same. 1840.
- 7. Topocalma Point to Maytencillo, by the same. 1840.
- 8. Maytencillo to Herradura, by the same. 1841.
- 9. Herradura to Point Grande, by the same. 1840.
- 10. Bolivia. Point Grande to Point S. Francisco, by the
same. 1841.
- 11. Point S. Francisco to Point Lobo, by the same, 1836.
1840.
- 12. Point Lobo to Point Pescadores, by the same. 1840.
- 13. Point Pescadores to Yndependencia Bay, by the same.
1840.
- 14. Yndependencia Bay to Begueta Bay, by the same. 1840.
- 15. Begueta Bay to River Chicama, by the same. 1840.
- 16. Chicama River to Port Payta, by the same. 1841.
- Coast between 38° and 21°45 S. Latitude. 1805.
- Coast from 21°45 to 7° S. Lat. 1825.
- Coast from 7° S. Lat. to 9° N. Lat. (including the Gulf of Panama).
1805.
- Coast from Point Pasamayo to Point Negra, including the Road of
Callao, 1811. 1820.
- Coast of Nicaragua, Guatemala, etc., by F. Bauza, 1794. 1835.
- Coast from Quibo Island to Oajaco, Mexico, by F. Bauza, 1794. 1843.
- West Coast of Mexico, by F. Bauza, 1794. 1835.
- North-West Coast, from Point Rodney to Point Barrow, by F. W.
Beechey, 1826-27. 1830.

Inlets.

- Inlet of Comau, or Leteu. 1827.
- Inlet of Piti-Palena. 1827.
- Inlet of Reloncavi. 1827.

PACIFIC COAST OF AMERICA, continued.

Bays, Harbours, etc.

Road of Arica.	1817.
Bay of Arauco, by H. Foster.	1823.
Awatska Bay, and Petropaulski Harbour, by F. W. Beechey,	1827.
	1833.
Awatska Outer Bay, by F. W. Beechey.	1835.
Barranca, Supé, Huacho, and Chancay Bays.	1840.
Casma and Guarmey Bays.	1840.
Cobija and Algodon Bays, and Constitution Harbour.	1840.
Coluimo Bay, and Entrance of the River Maule.	1840.
Concepcion Bay, 1836.	1840.
Copiapo Harbour, Pajonal Cove, Herradura, and Chañeral and Toralillo Bays.	1840.
Bay of Coquimbo and Port Herradura.	1817.
Herradura or Pichidanque Bay, Maytencillo Cove, and Ligua Road.	1840.
Huacho Bay, Port of Casma, and Chilca Harbour.	1826.
Road of Ilo, 1793.	1817.
Islay Bay, and Atico and Ylo Roads.	1840.
Lambayeque, Pacasmayo, and Huanchaco Roads, and Malabrigo Port.	1840.
Panama Bay, by Sir E. Belcher, 1837.	1843.
Pisco Bay.	1840.
Sn. Andres Bay.	1840.
Harbour of San Francisco in California, by F. W. Beechey.	1833.
Bay of Santa and Port Samanca, and the Port of Feroll.	1826.
Bay of Santa, and Port Samanca, or Guambacho.	1840.
Smyth Harbour, etc., in Barbara Channel, by P. P. King, 1830.	1840.
Tictoc Bay.	1827.
Townshend, Stewart and March Harbours, Doris Cove, Orange Bay, etc., on the South-West Coast, by R. Fitzroy.	1835.
Harbour of Valdivia.	1819.
Valparaiso Bay.	1840.
Harbour of Valparaiso.	1817.
Bay of Ynche and Port Refuge.	1827.
Yndependencia Bay.	1840.

Ports.

Port of Acapulco, on the Coast of Mexico.	1818.
Port of Alacran.	1825.
Port Barbara.	1840.
Ports Caldera and Yngles, with Lavata Bay, Port Flamenco, and Sugar Loaf Anchorage.	1840.
Port Concepcion.	1820.
Port of Copiapo, by H. Foster.	1824.

PACIFIC COAST OF AMERICA, continued.

Ports.

Port of Guasco, by H. Foster.	1823.
Ilay, by Pignonblanc and Dolley.	1828.
Matagorda.	1842.
Port Otway, in the Gulf of Penas.	1840.
Port Papudo and Horcon and Quintero Bays.	1840.
Port Payta.	1840.
Port of Pisco.	1817.
Port San Carlos and Chacao Narrows.	1840.
Port of St. Domingo.	1827.
Ports of San Nicolas and San Juan, and Lomas Road.	1840.
Port San Pedro and Huasso Island.	1840.
Port of Valdivia, 1835.	1840.

Rivers.

The River Guayaquil, 1791.	1818.
River Guayaquil, by H. Kellet.	1836.

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COAST VIEWS.

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- AFRICA (West Coast).** Views of Porto Santo, Gomera, Palma and Teneriffe, in 1775. 1811.
- . Sketches of the Coast of Guinea, Grain Coast, &c., by Capt. Price, in 1793. 1811.
- . Views round False Bay, etc., in 1775. 1812.
- ARABIA.** Views of the Land from Dofar to Shoal Cliff, by J. D'Auvergne, in 1781. 1783.
- AUSTRALIA.** Views on the South, North and East Coasts of Terra Australis (4 sheets). 1814.
- BENGAL.** Views of Fort St. George, and on the Coast of Coromandel, in 1775 (2 sheets). 1779-81.
- BRAZIL.** Views on the Coast, from Van Keulen. 1812.
- CELEBES.** Views of the Coasts of Celebes, by A. Dalrymple, in 1761 (3 sheets). 1781.
- . Views in Pitt's Passage, Strait, &c., by various authorities (5 sheets). 1780-81.
- . Views of Siao and adjacent Islands to the North of Celebes, by S. McDonald, in 1788. 1795.
- . Views in the Strait of Macassar and the North Coast of Celebes, by S. McDonald, in 1788 (3 sheets). 1795.
- . Views of Gilolo and Mortay, by S. McDonald, in 1789. 1795.
- CEYLON.** Views on the Southern Coasts. 1783.
- CHINA.** Views on the Coasts of Cochin-China, by A. Dalrymple, in 1760 (4 sheets). 1803.
- . Views on the Coast of Hainan, in 1760. 1783.
- . Views on the Coasts and adjacent Islands to Japan, by Capt. L. Wilson (4 sheets). 1800.
- MALACCA.** Views in the Strait of Singapore. 1780.
- . Views in the Straits of Malacca, by Capt. R. Peirce (4 sheets). 1779.
- MOLUCCAS.** Views among the Molucca Islands, by Mr. Payne (2 sheets). 1781-82.
- . Views in the Mozambique Channel, in 1758. 1780.
- PACIFIC ISLANDS.** Views of the Island called Amsterdam, in 1763. 1781.
- PERSIAN GULF.** Views on the Coasts of Arabia and Persia, by J. M'Cluer, in 1785 (3 sheets). 1794.

- PHILIPPINE ISLANDS.** Views in Surigao Passage, by A. Dalrymple, in 1764. 1781.
- . Views of Negros and Mageendanao, by A. Dalrymple. 1781.
- . Views of Mindoro and Entrance to Manila Bay. 1781.
- . Views of Luzon and Babuyanes, by G. Baker, in 1759. 1781.
- RED SEA.** Views of Land, by A. Dalrymple, in 1776-77 (3 sheets). 1799.
- SCOTLAND.** Views on the Coast near Aberdeen, etc.
- SICILY.** Views on the Coasts, with the Comparative Heights of the Mountains (7 sheets). 1823.
- SUMATRA, etc.** Views of Nassau or Pogy Island, by T. Forest. 1774.
- . Views on the Coasts. 1774.
- . Views of the Islands off the West Coast, by R. Torin (2 sheets). 1782-96.

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